

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060424\
 Data File : VD079136.D
 Acq On : 04 Jun 2024 09:42
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 05 03:18:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	193924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	140385	23.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.080%
7) Chloroethane-d5	2.799	69	129877	22.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	3.910	65	21933	20.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	6.987	46	24105	52.810	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.620%
24) Chloroform-d	7.569	84	124075	22.883	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	8.228	65	57929	23.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.198	84	252558	23.181	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	9.210	67	68626	21.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.480%
41) Toluene-d8	10.269	98	238430	23.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	10.522	79	31871	24.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.640%
47) 2-Hexanone-d5	10.875	63	21759	53.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	67832	24.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	13.810	152	76899	21.816	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	73488	23.939	ug/L	99
3) Chloromethane	2.146	50	117818	28.796	ug/L	98
5) Vinyl chloride	2.281	62	185634	27.488	ug/L	96
6) Bromomethane	2.687	94	125572	24.086	ug/L	99
8) Chloroethane	2.834	64	128433	25.948	ug/L	94
9) Trichlorofluoromethane	3.175	101	126257	24.542	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	80643	26.142	ug/L	98
12) 1,1-Dichloroethene	3.934	96	66859	24.895	ug/L	95
13) Acetone	4.016	43	36918	55.868	ug/L	97
14) Carbon disulfide	4.269	76	235821	25.171	ug/L	97
15) Methyl Acetate	4.563	43	25598	28.431	ug/L	93
16) Methylene chloride	4.793	84	79827	23.102	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	75474	26.004	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	140768	27.347	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	123788	26.491	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	79587	26.335	ug/L	98
22) 2-Butanone	7.081	43	39630	57.088	ug/L	91
23) Bromochloromethane	7.428	128	40825	26.645	ug/L	93
25) Chloroform	7.593	83	140069	26.401	ug/L	95

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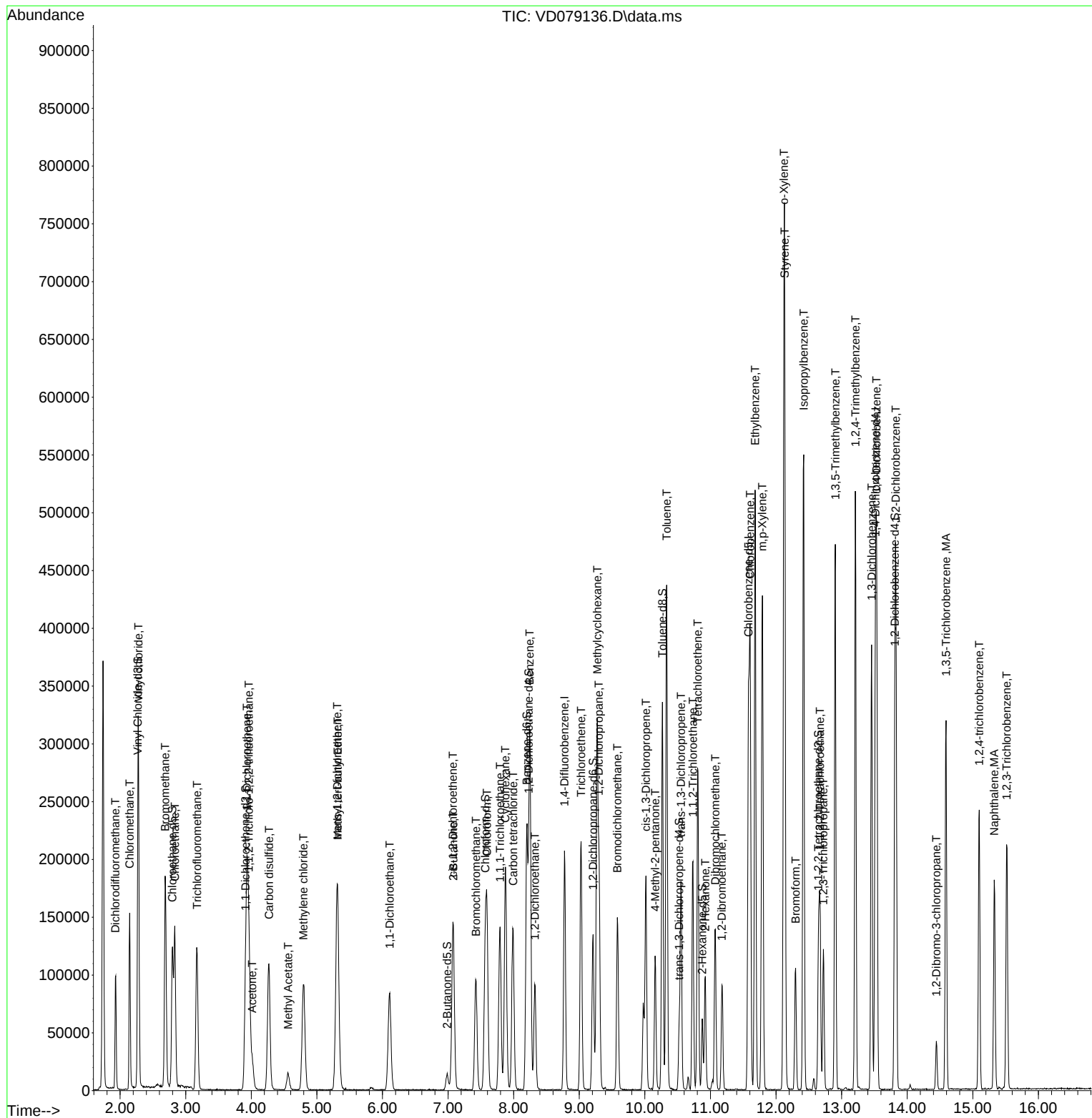
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80428	26.115	ug/L	96
29) Cyclohexane	7.875	56	96785	27.294	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	118465	25.460	ug/L	99
31) Carbon tetrachloride	7.993	117	110904	25.649	ug/L	98
33) Benzene	8.246	78	315494	26.953	ug/L	100
34) Trichloroethene	9.028	95	78359	25.991	ug/L	96
35) Methylcyclohexane	9.275	83	141047	28.235	ug/L	98
37) 1,2-Dichloropropane	9.298	63	75428	26.308	ug/L	98
38) Bromodichloromethane	9.581	83	104729	26.276	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	116485	26.026	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	69986	58.474	ug/L	98
42) Toluene	10.334	91	350549	26.969	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	104963	27.733	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	67115	26.682	ug/L	94
46) Tetrachloroethene	10.804	164	65971	24.852	ug/L	94
48) 2-Hexanone	10.922	43	57276	55.303	ug/L	98
49) Dibromochloromethane	11.075	129	76912	25.821	ug/L	99
50) 1,2-Dibromoethane	11.175	107	60705	26.260	ug/L	97
51) Chlorobenzene	11.604	112	223238	25.812	ug/L	98
52) Ethylbenzene	11.681	91	370464	27.324	ug/L	99
53) m,p-Xylene	11.792	106	147585	27.745	ug/L	99
54) o-Xylene	12.122	106	138973	27.041	ug/L	95
55) Styrene	12.134	104	258759	28.396	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	77237	27.432	ug/L	99
59) Bromoform	12.298	173	47701	25.482	ug/L	99
60) Isopropylbenzene	12.422	105	368685	27.300	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	49203	27.286	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	255304	27.649	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	273820	27.725	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	168376	25.953	ug/L	95
65) 1,4-Dichlorobenzene	13.533	146	176607	25.691	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	155575	25.940	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10325	27.854	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	103627	25.325	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	82954	24.410	ug/L	98
71) Naphthalene	15.328	128	162914	25.634	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	78380	26.686	ug/L	96

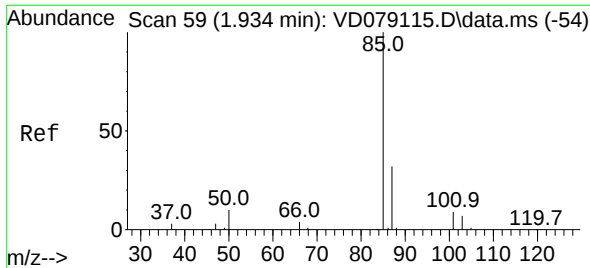
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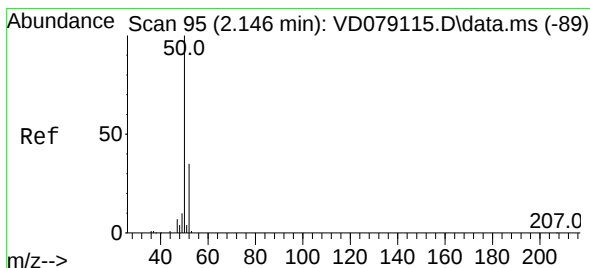
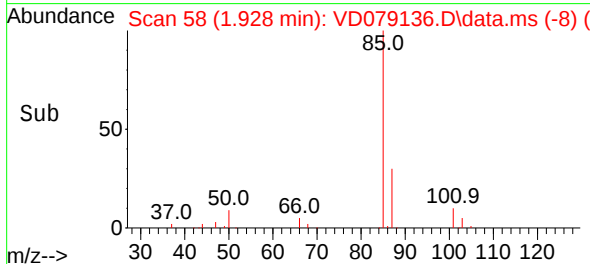
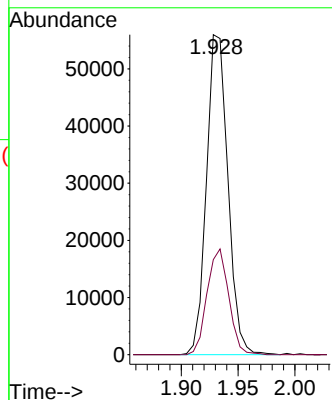
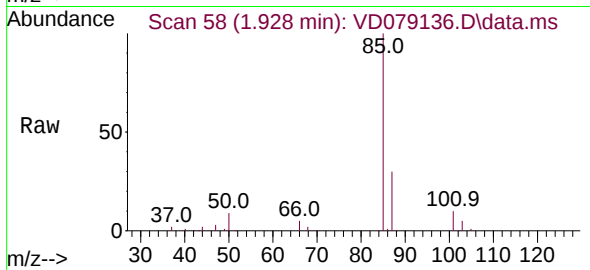




#2
Dichlorodifluoromethane
Concen: 23.939 ug/L
RT: 1.928 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

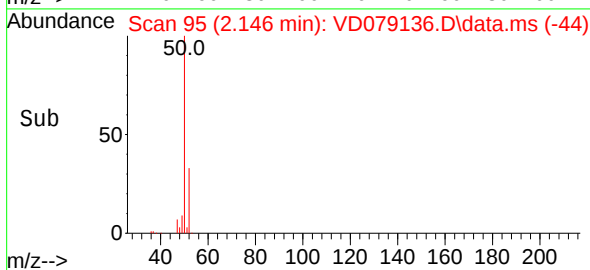
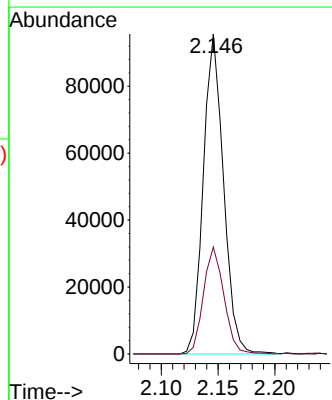
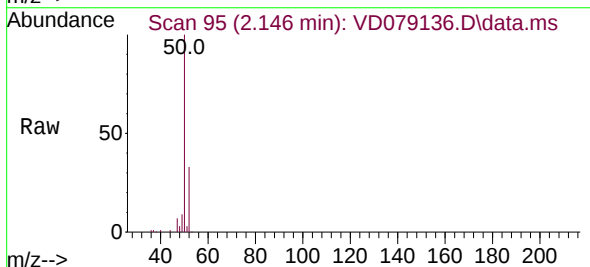
Instrument :
MSVOA_D
ClientSampleId :

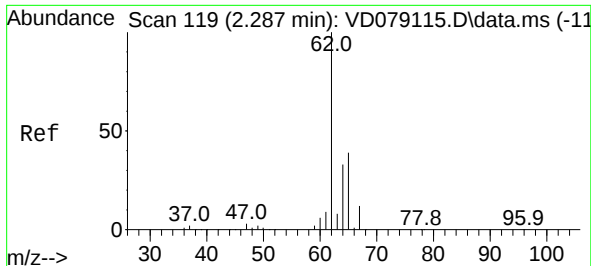
Tgt Ion: 85 Resp: 73488
Ion Ratio Lower Upper
85 100
87 33.4 26.2 39.4



#3
Chloromethane
Concen: 28.796 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 50 Resp: 117818
Ion Ratio Lower Upper
50 100
52 33.4 24.4 45.2

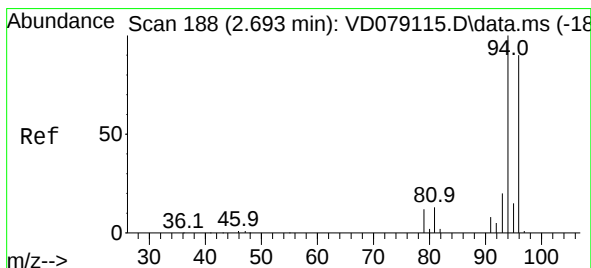
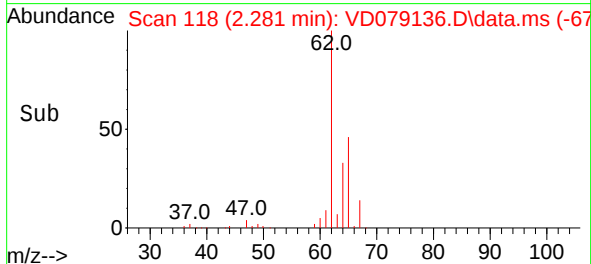
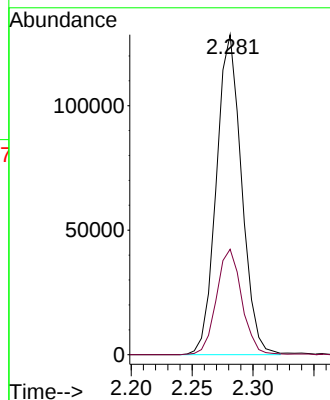
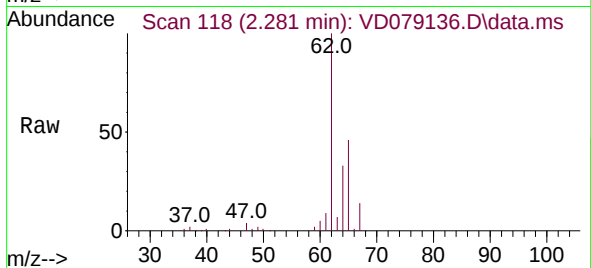




#5
 Vinyl chloride
 Concen: 27.488 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD079136.D
 Acq: 04 Jun 2024 09:42

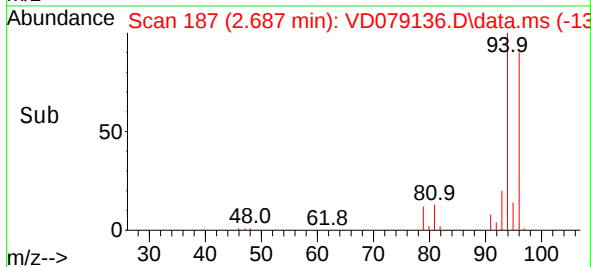
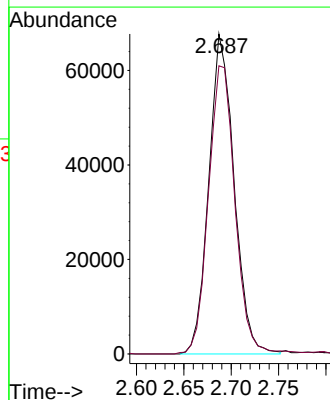
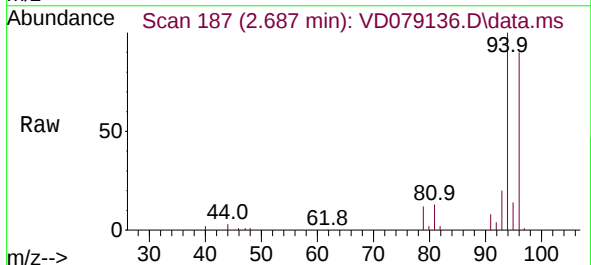
Instrument :
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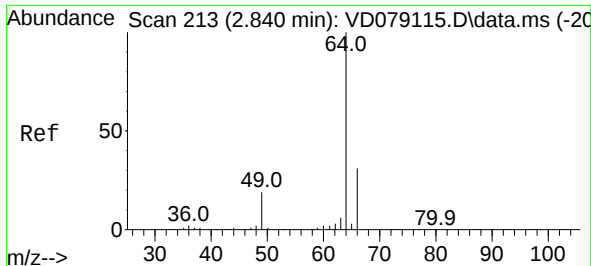
Tgt Ion: 62 Resp: 185634
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.8 46.1



#6
 Bromomethane
 Concen: 24.086 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079136.D
 Acq: 04 Jun 2024 09:42

Tgt Ion: 94 Resp: 125572
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.6 118.2

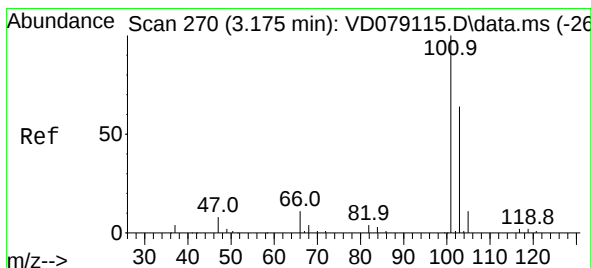
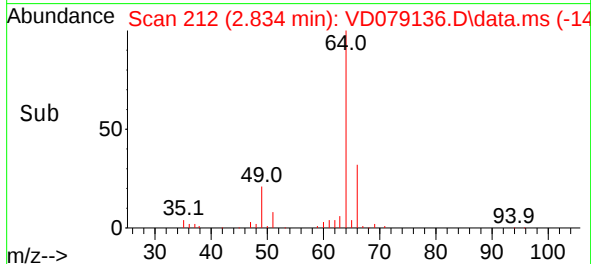
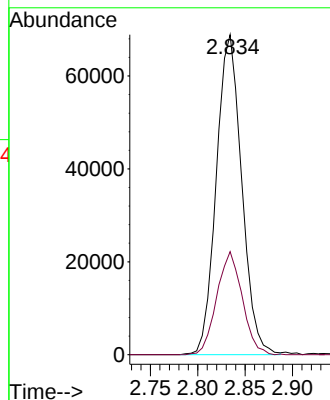
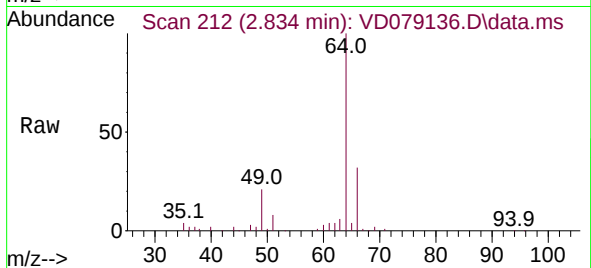




#8
Chloroethane
Concen: 25.948 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

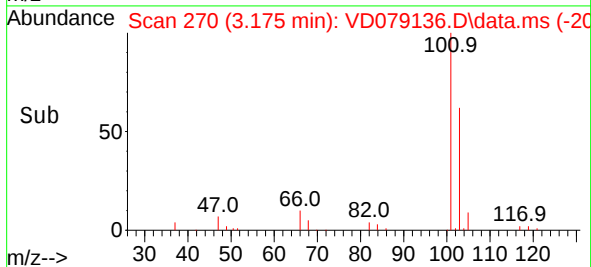
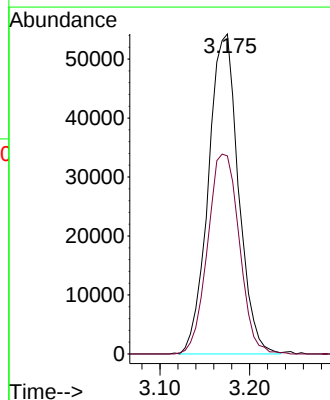
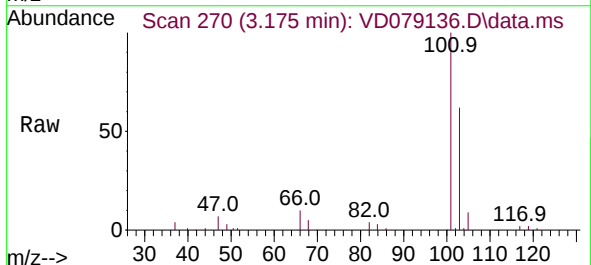
Instrument :
MSVOA_D
ClientSampleId :

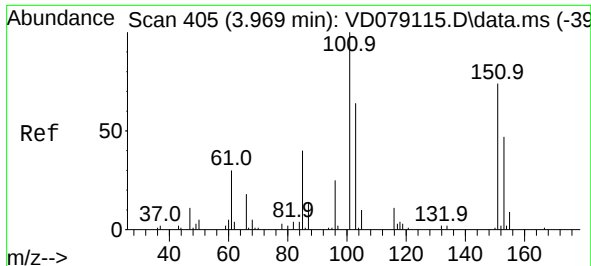
Tgt Ion: 64 Resp: 128433
Ion Ratio Lower Upper
64 100
66 32.2 24.8 46.1



#9
Trichlorofluoromethane
Concen: 24.542 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion:101 Resp: 126257
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.142 ug/L

RT: 3.963 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

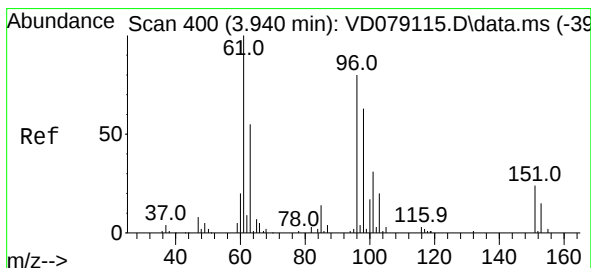
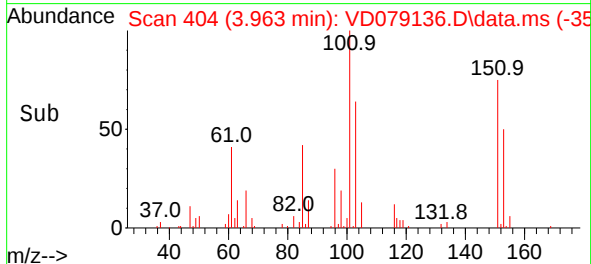
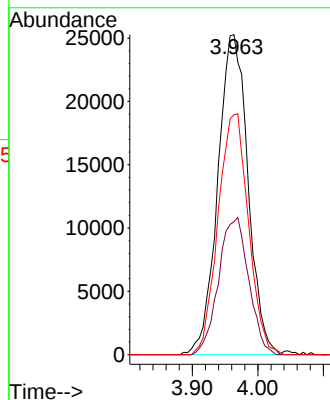
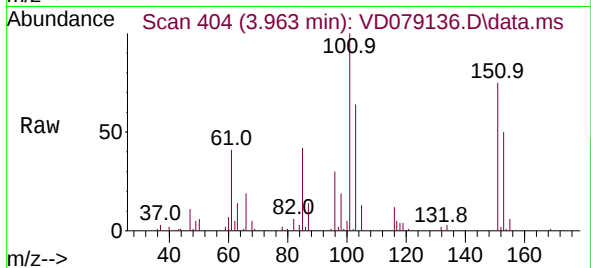
Tgt Ion:101 Resp: 80643

Ion Ratio Lower Upper

101 100

85 42.8 35.4 53.0

151 75.8 59.1 88.7



#12

1,1-Dichloroethene

Concen: 24.895 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

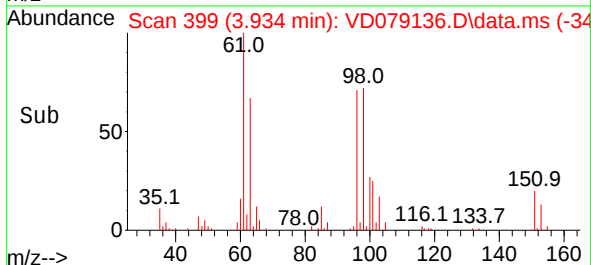
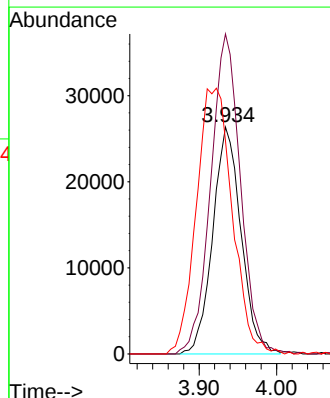
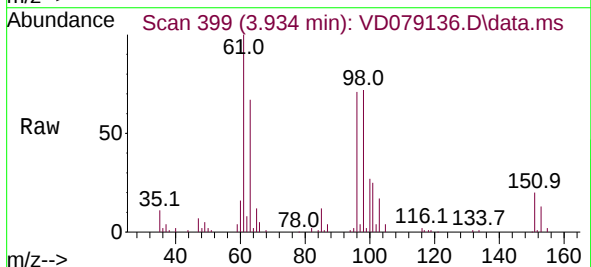
Tgt Ion: 96 Resp: 66859

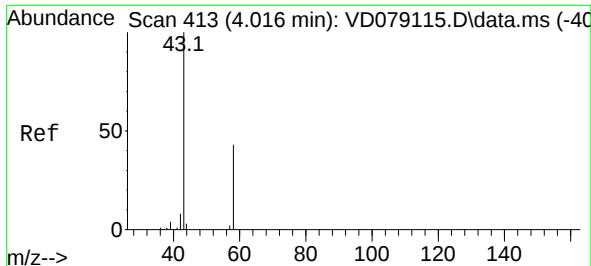
Ion Ratio Lower Upper

96 100

61 141.0 93.9 174.3

63 94.0 67.7 125.7





#13

Acetone

Concen: 55.868 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

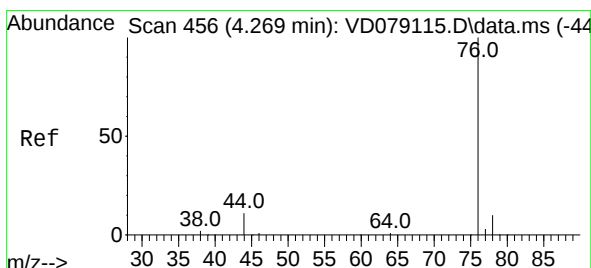
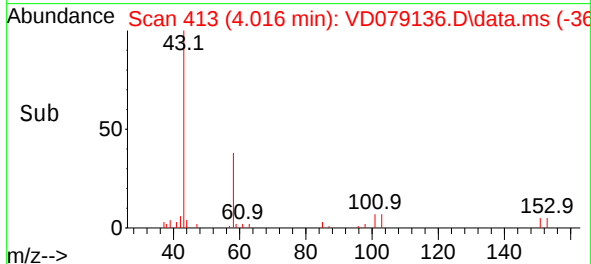
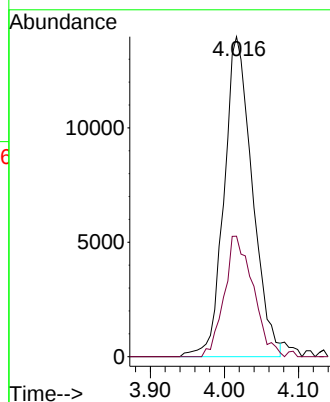
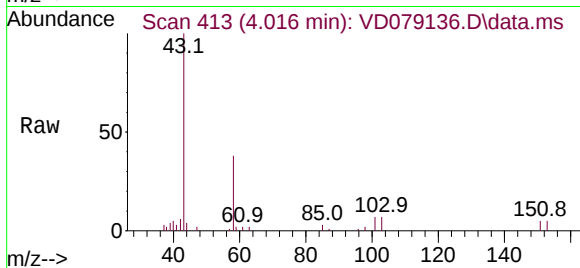
ClientSampleId :

Tgt Ion: 43 Resp: 36918

Ion Ratio Lower Upper

43 100

58 37.5 0.0 78.2



#14

Carbon disulfide

Concen: 25.171 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079136.D

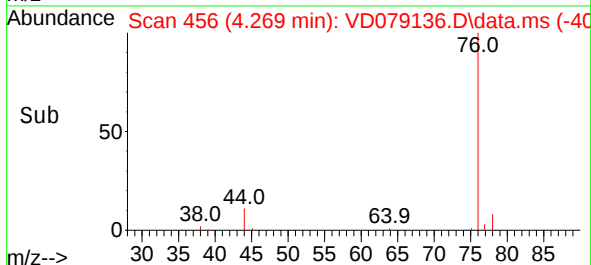
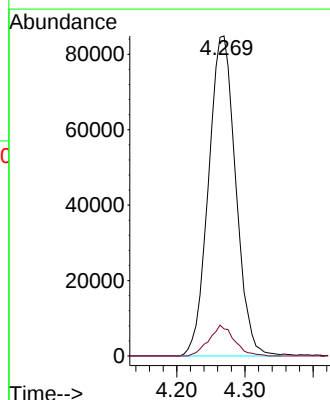
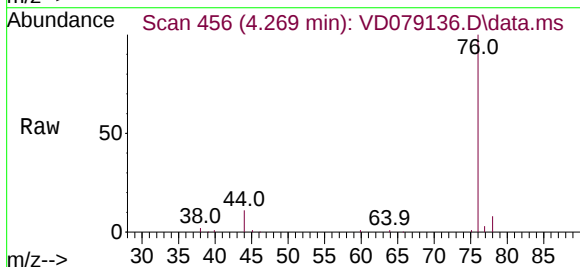
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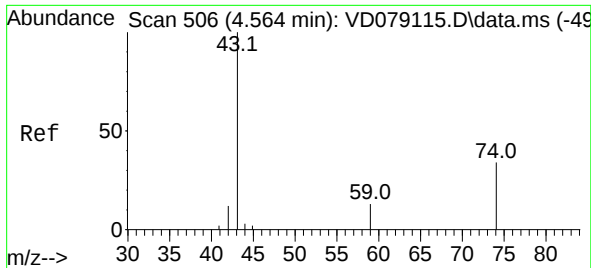
Tgt Ion: 76 Resp: 235821

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3

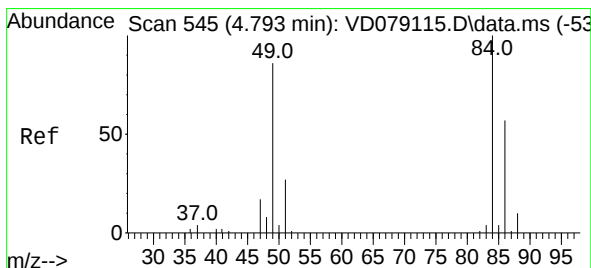
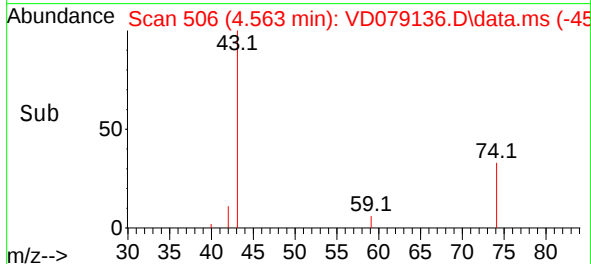
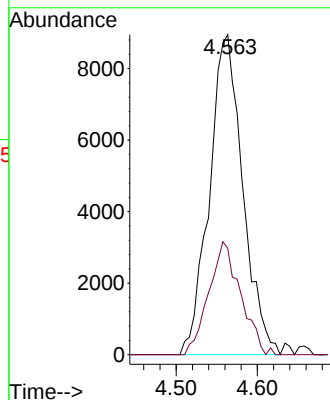
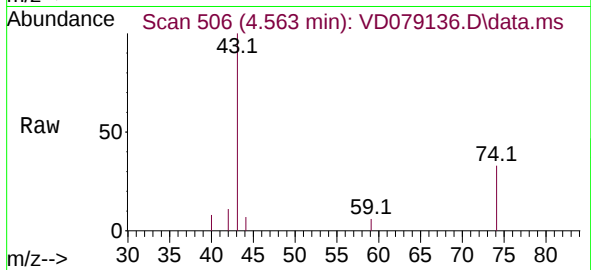




#15
Methyl Acetate
Concen: 28.431 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

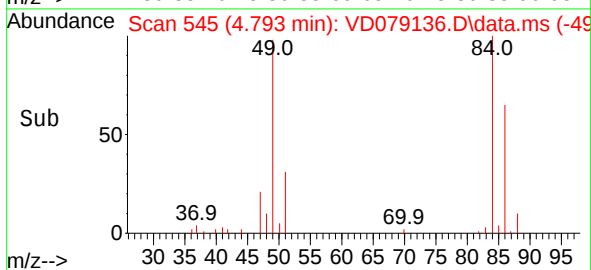
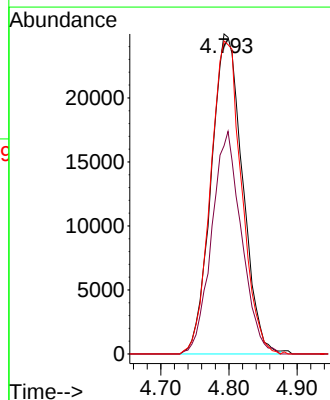
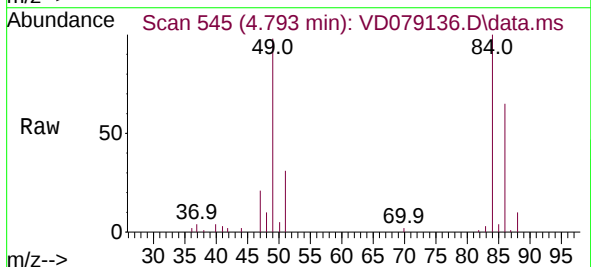
Instrument :
MSVOA_D
ClientSampleId :

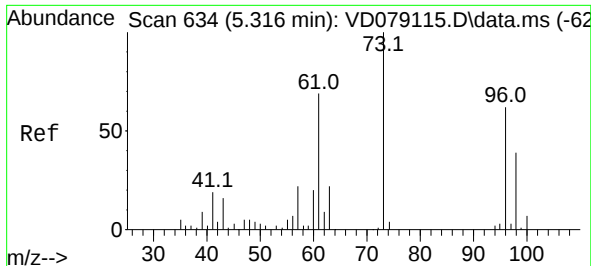
Tgt Ion: 43 Resp: 25598
Ion Ratio Lower Upper
43 100
74 33.3 23.8 35.6



#16
Methylene chloride
Concen: 23.102 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 84 Resp: 79827
Ion Ratio Lower Upper
84 100
86 65.1 40.9 76.0
49 97.8 67.5 125.3

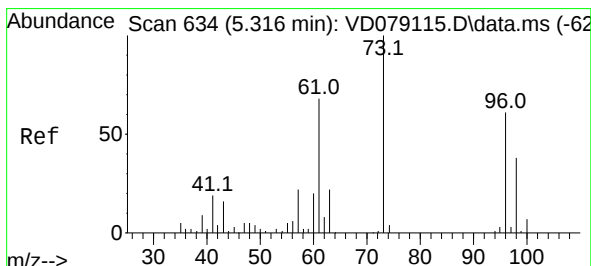
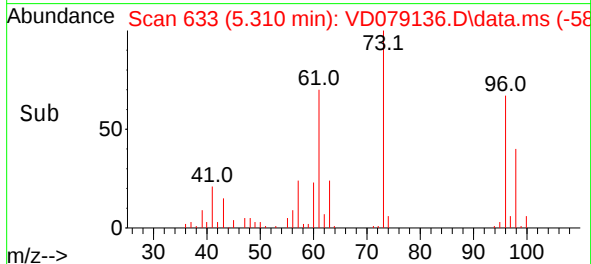
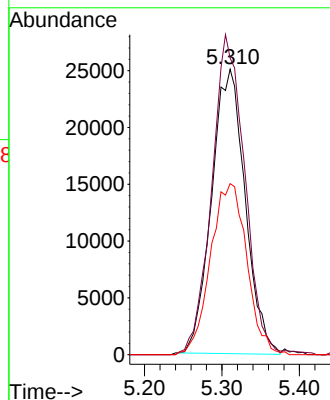
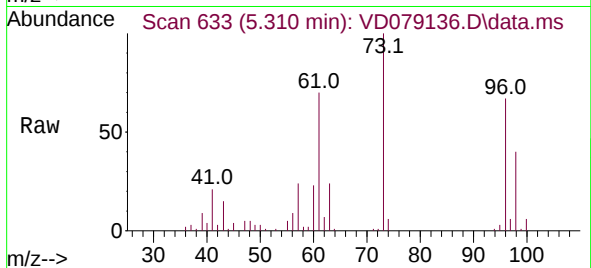




#17
trans-1,2-Dichloroethene
Concen: 26.004 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

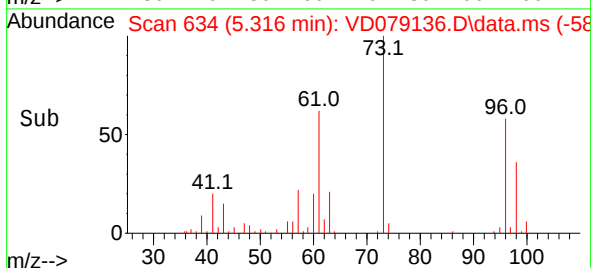
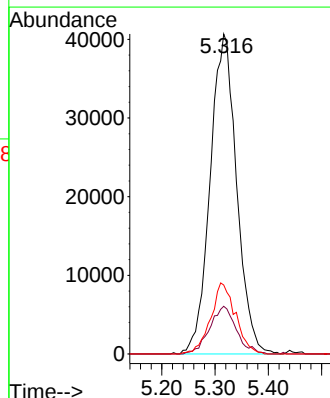
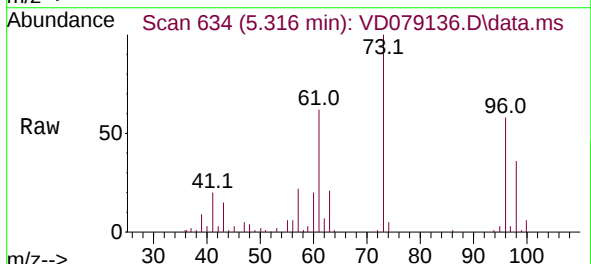
Instrument :
MSVOA_D
ClientSampleId :

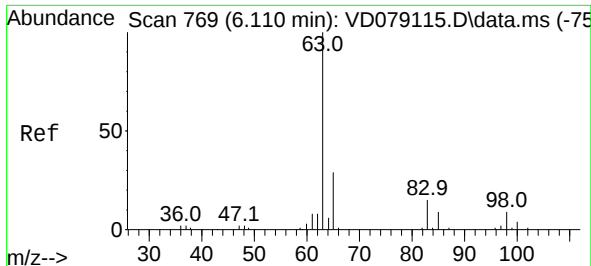
Tgt Ion: 96 Resp: 75474
Ion Ratio Lower Upper
96 100
61 103.9 71.9 133.5
98 60.0 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 27.347 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 73 Resp: 140768
Ion Ratio Lower Upper
73 100
43 14.4 12.0 18.0
57 20.8 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 26.491 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

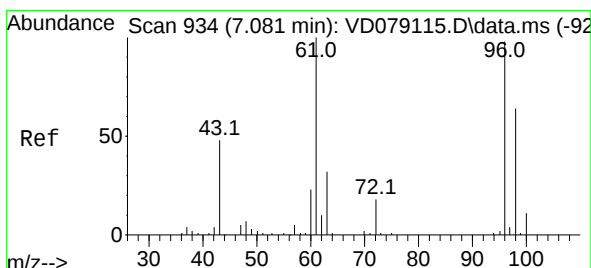
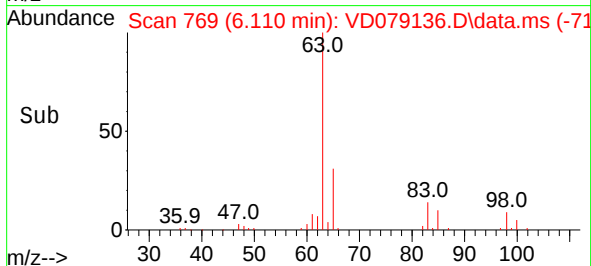
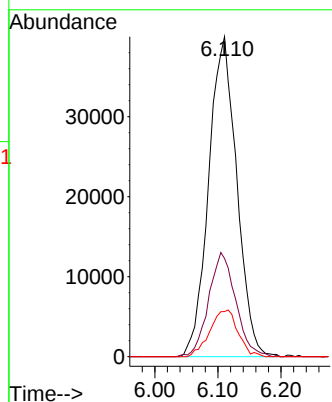
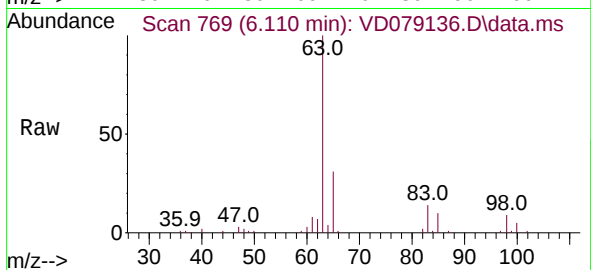
Tgt Ion: 63 Resp: 123788

Ion Ratio Lower Upper

63 100

65 30.7 22.8 42.4

83 14.1 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 26.335 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

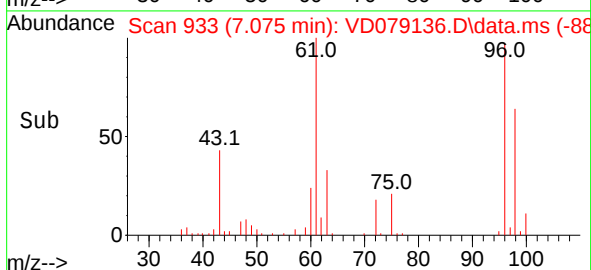
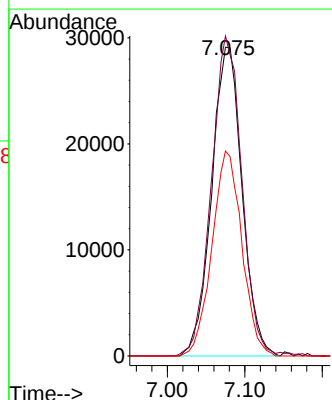
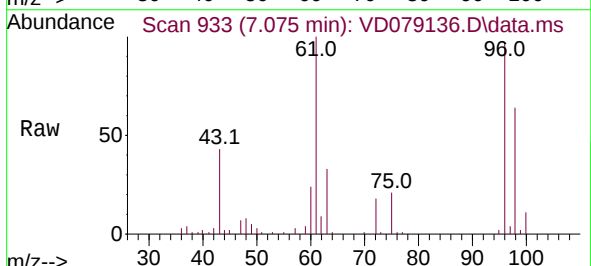
Tgt Ion: 96 Resp: 79587

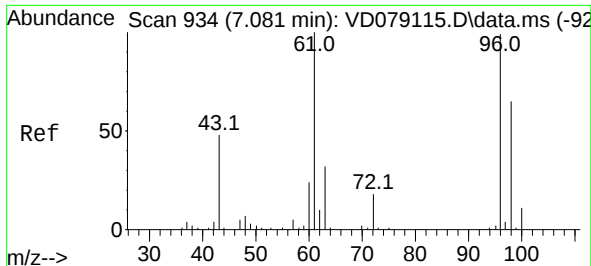
Ion Ratio Lower Upper

96 100

61 103.6 72.6 134.8

98 66.4 43.8 81.3





#22

2-Butanone

Concen: 57.088 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

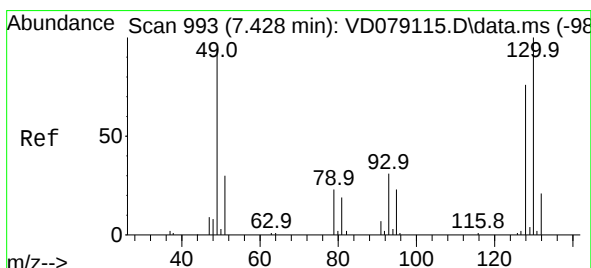
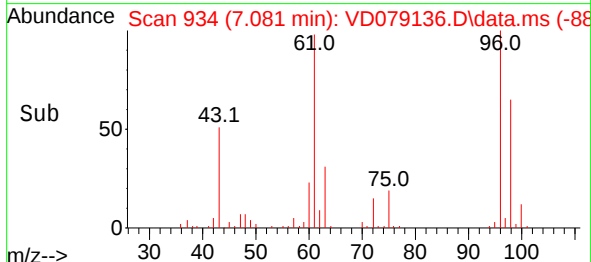
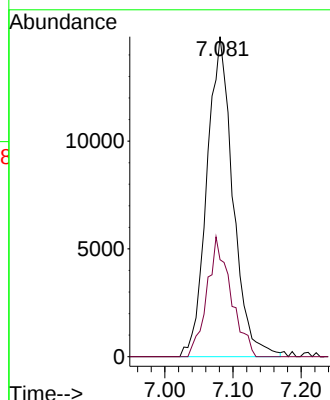
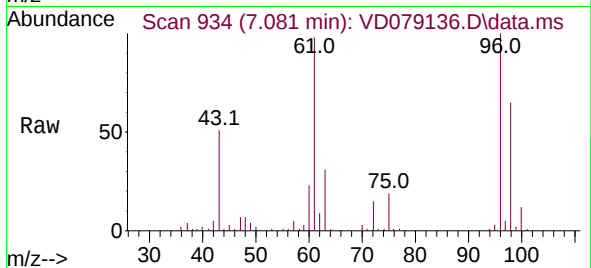
ClientSampleId :

Tgt Ion: 43 Resp: 39630

Ion Ratio Lower Upper

43 100

72 33.1 19.3 57.8



#23

Bromochloromethane

Concen: 26.645 ug/L

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Tgt Ion:128 Resp: 40825

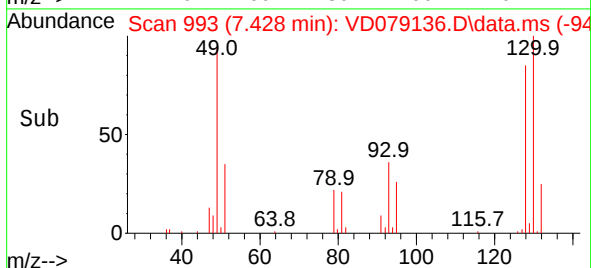
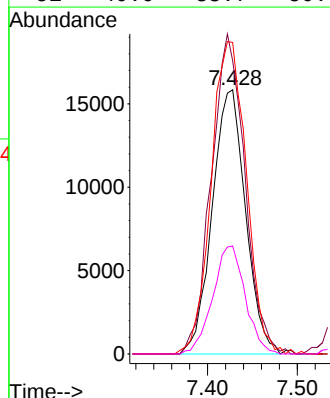
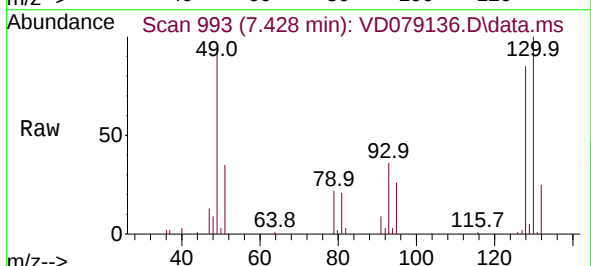
Ion Ratio Lower Upper

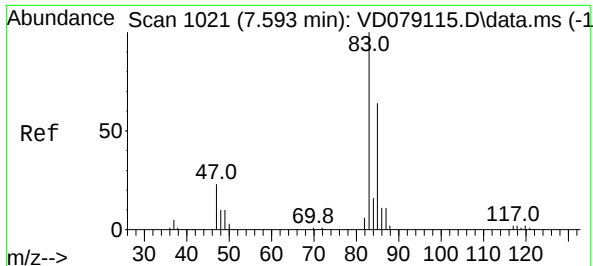
128 100

49 110.9 81.8 151.8

130 118.0 90.4 167.8

51 40.9 33.7 50.5





#25

Chloroform

Concen: 26.401 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

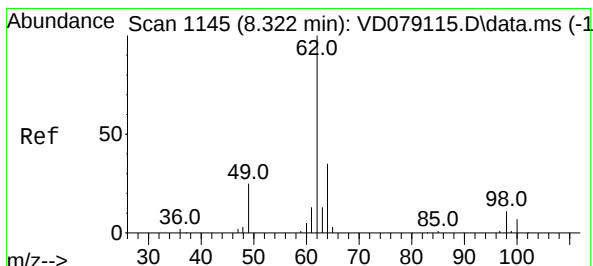
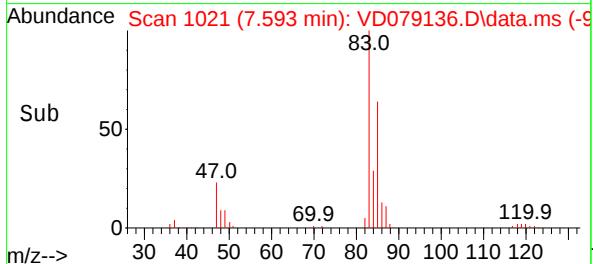
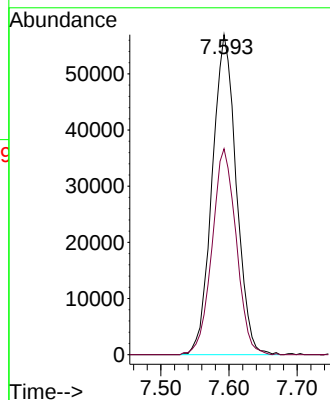
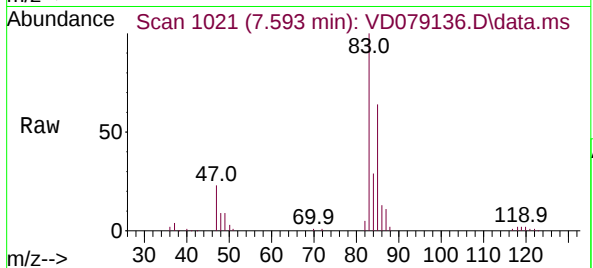
ClientSampleId :

Tgt Ion: 83 Resp: 140069

Ion Ratio Lower Upper

83 100

85 64.3 47.9 89.1



#27

1,2-Dichloroethane

Concen: 26.115 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079136.D

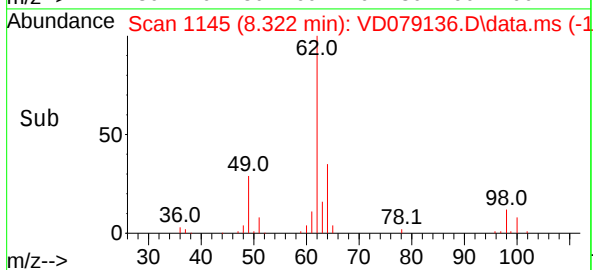
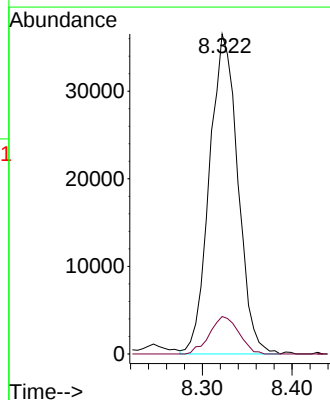
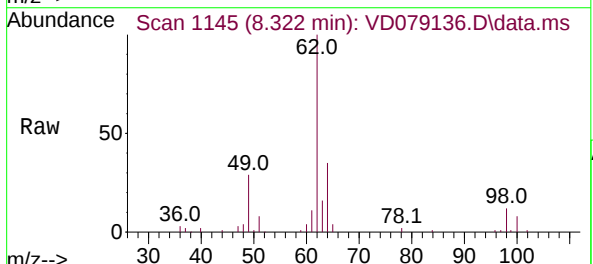
Acq: 04 Jun 2024 09:42

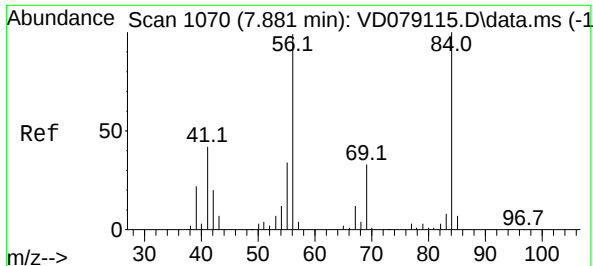
Tgt Ion: 62 Resp: 80428

Ion Ratio Lower Upper

62 100

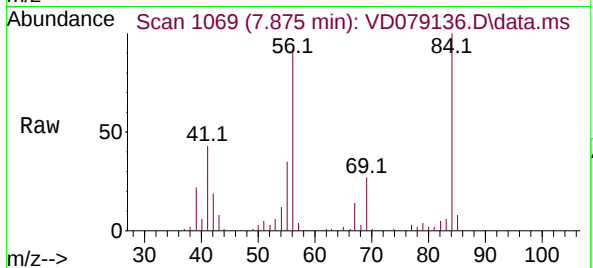
98 11.7 8.2 12.4



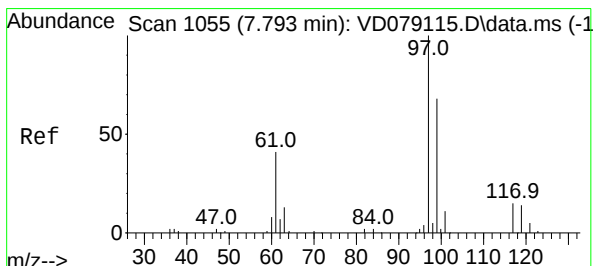
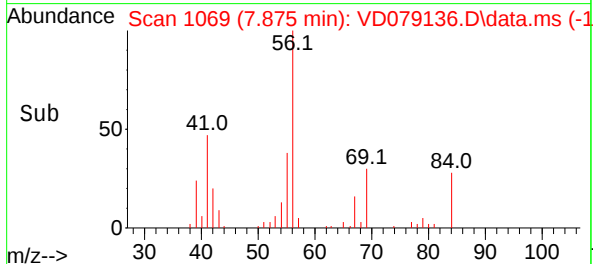
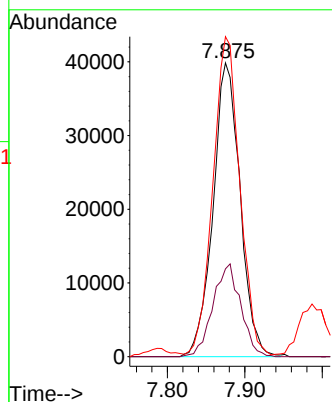


#29
Cyclohexane
Concen: 27.294 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Instrument :
MSVOA_D
ClientSampleId :

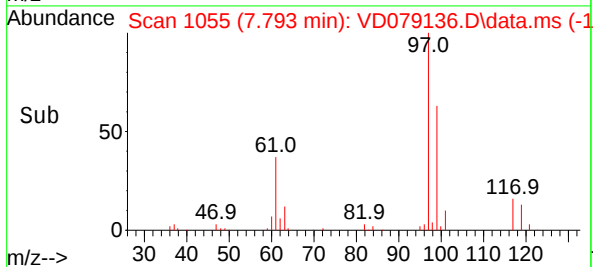
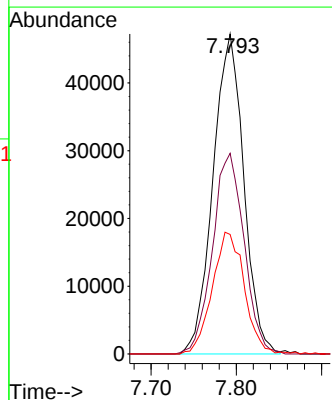
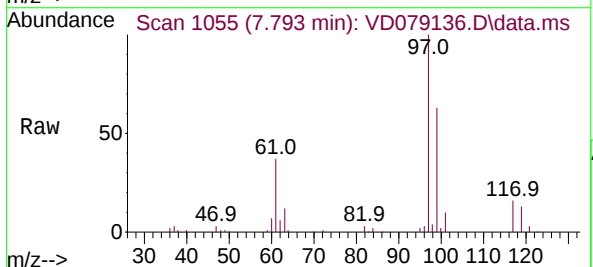


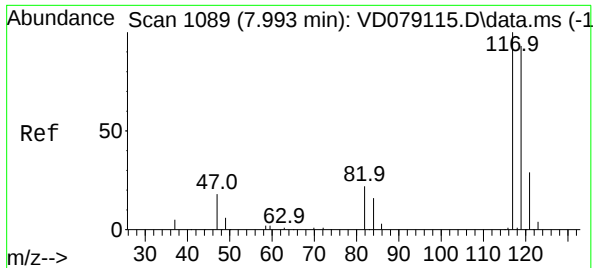
Tgt Ion:	56	Resp:	96785
Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.6	40.0
84	108.5	87.5	131.3



#30
1,1,1-Trichloroethane
Concen: 25.460 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

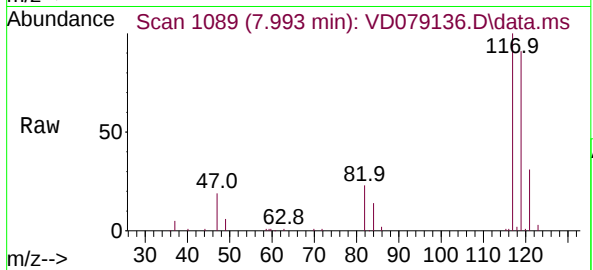
Tgt Ion:	97	Resp:	118465
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.3	78.5
61	39.4	31.7	47.5



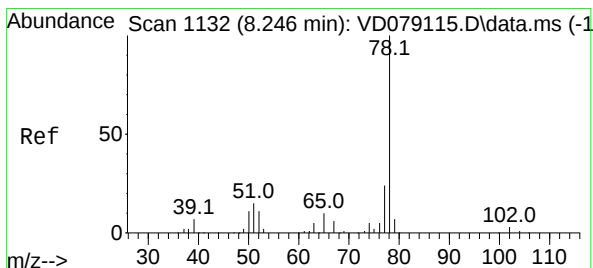
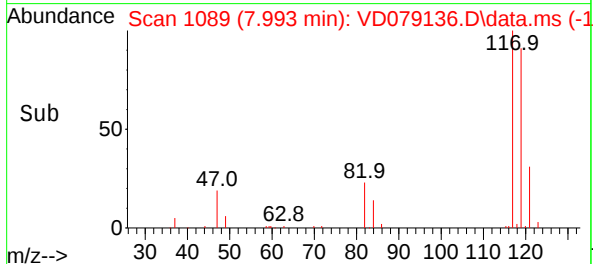
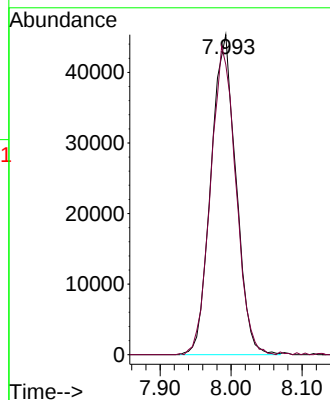


#31
Carbon tetrachloride
Concen: 25.649 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Instrument :
MSVOA_D
ClientSampleId :

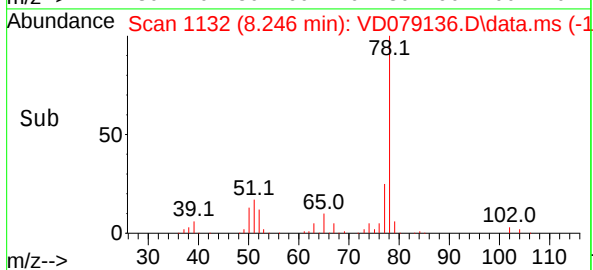
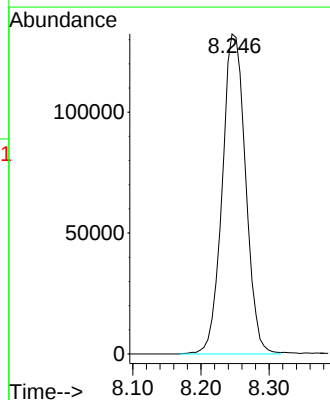
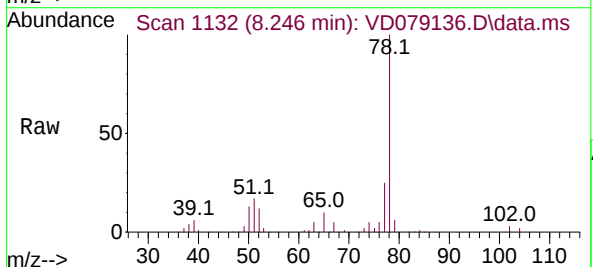


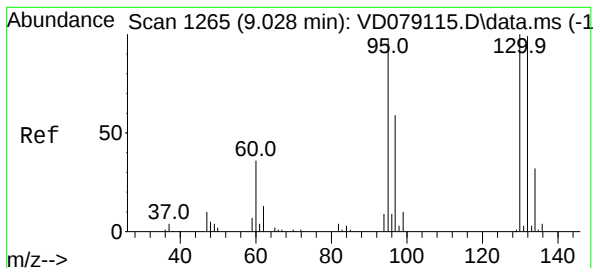
Tgt Ion:117 Resp: 110904
Ion Ratio Lower Upper
117 100
119 97.6 79.6 119.4



#33
Benzene
Concen: 26.953 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 78 Resp: 315494





#34

Trichloroethene

Concen: 25.991 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 78359

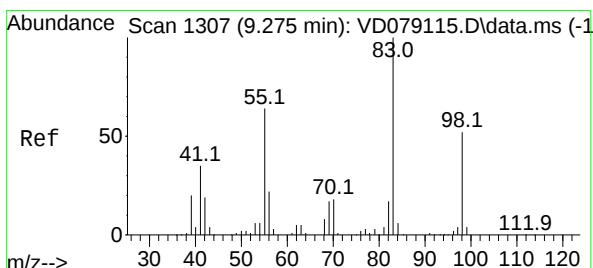
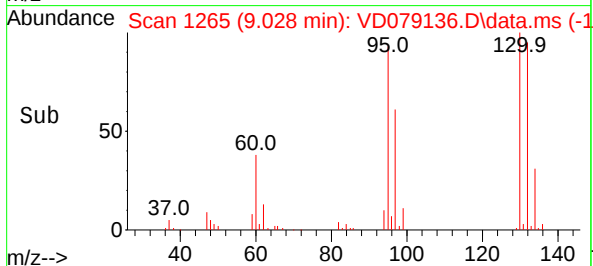
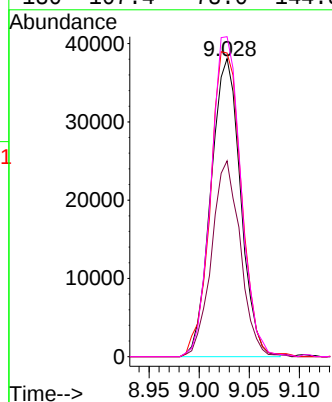
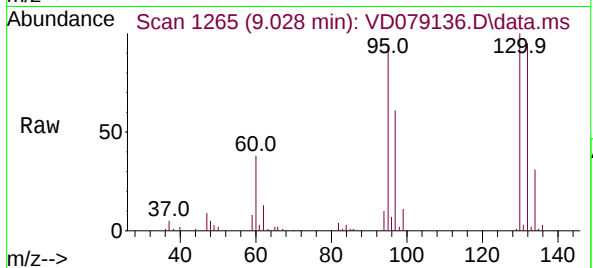
Ion Ratio Lower Upper

95 100

97 65.7 44.6 82.8

132 101.9 74.9 139.1

130 107.4 78.0 144.8



#35

Methylcyclohexane

Concen: 28.235 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

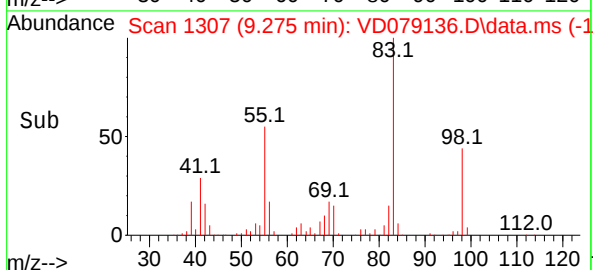
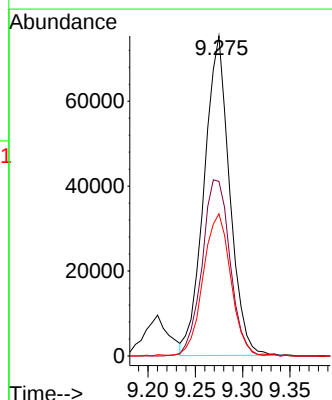
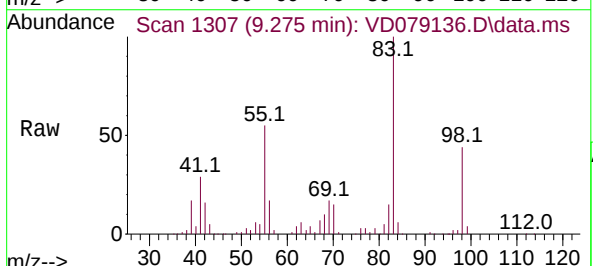
Tgt Ion: 83 Resp: 141047

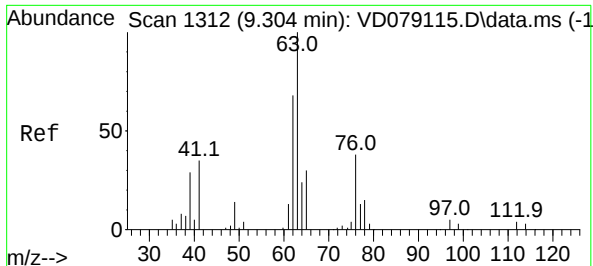
Ion Ratio Lower Upper

83 100

55 59.7 48.6 72.8

98 48.2 40.2 60.2

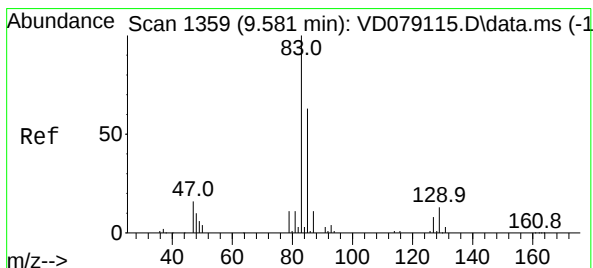
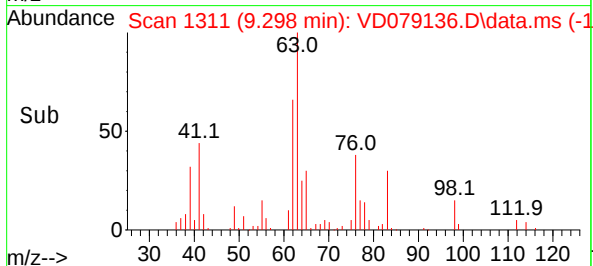
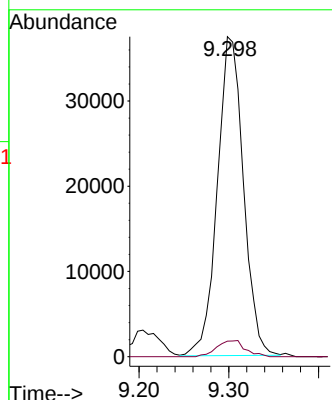
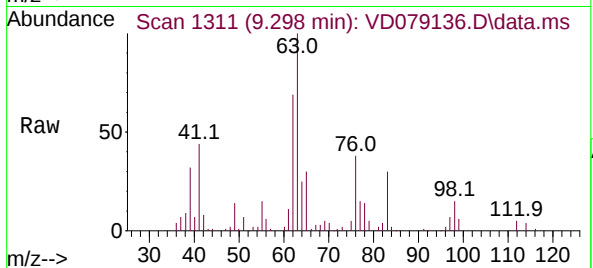




#37
1,2-Dichloropropane
Concen: 26.308 ug/L
RT: 9.298 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

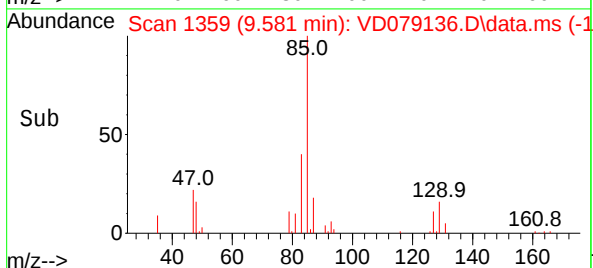
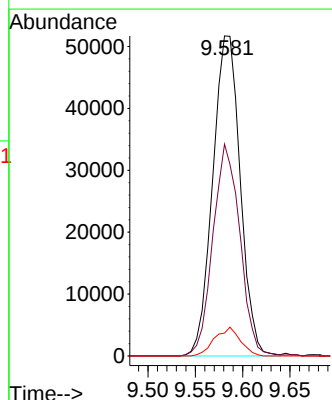
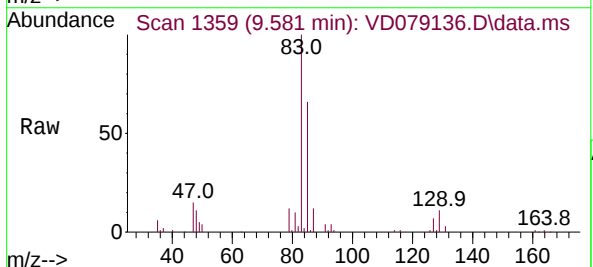
Instrument :
MSVOA_D
ClientSampleId :

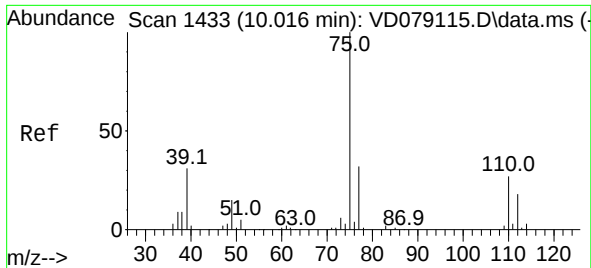
Tgt Ion: 63 Resp: 75428
Ion Ratio Lower Upper
63 100
112 5.5 3.9 5.9



#38
Bromodichloromethane
Concen: 26.276 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 83 Resp: 104729
Ion Ratio Lower Upper
83 100
85 66.2 46.5 86.5
127 7.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.026 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

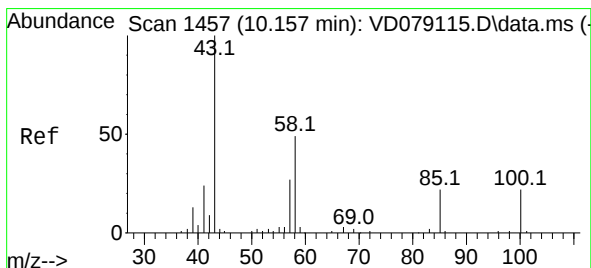
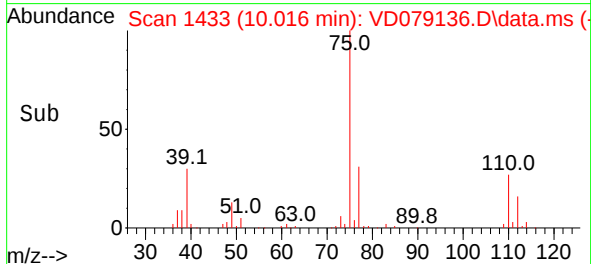
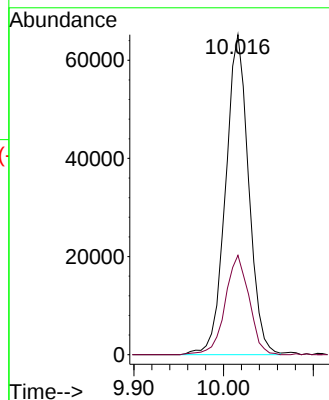
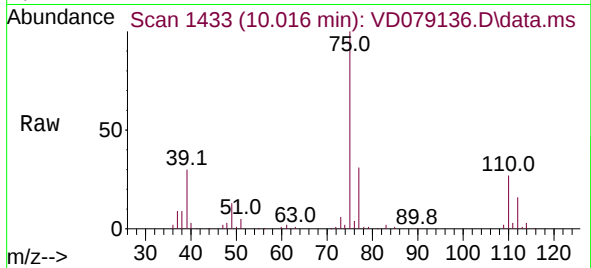
ClientSampleId :

Tgt Ion: 75 Resp: 116485

Ion Ratio Lower Upper

75 100

77 31.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 58.474 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

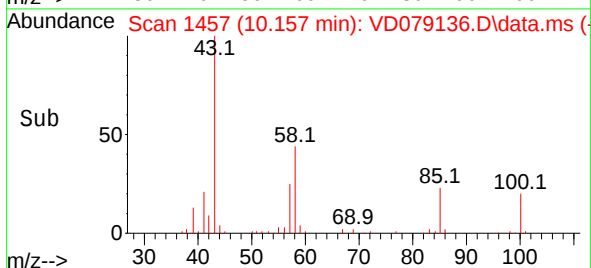
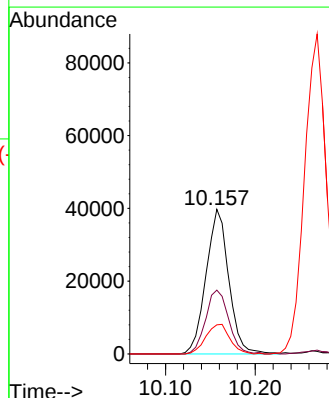
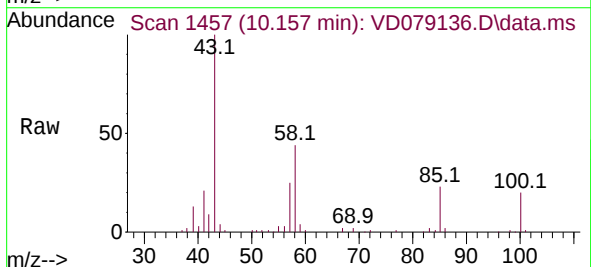
Tgt Ion: 43 Resp: 69986

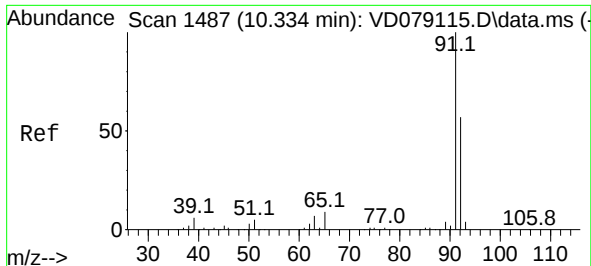
Ion Ratio Lower Upper

43 100

58 44.4 34.0 51.0

100 21.5 16.9 25.3





#42

Toluene

Concen: 26.969 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

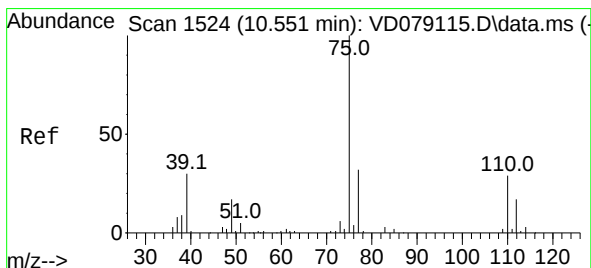
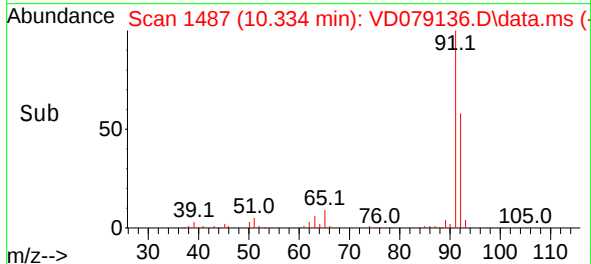
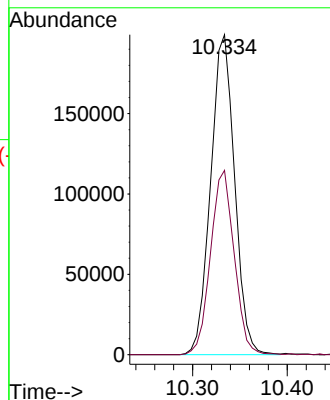
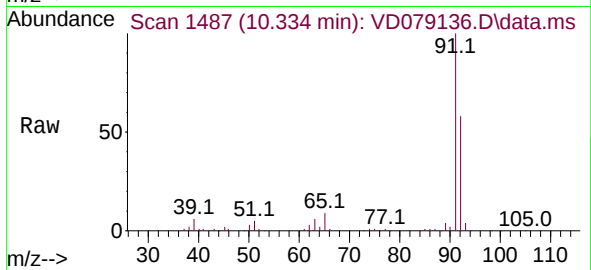
ClientSampleId :

Tgt Ion: 91 Resp: 350549

Ion Ratio Lower Upper

91 100

92 57.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 27.733 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079136.D

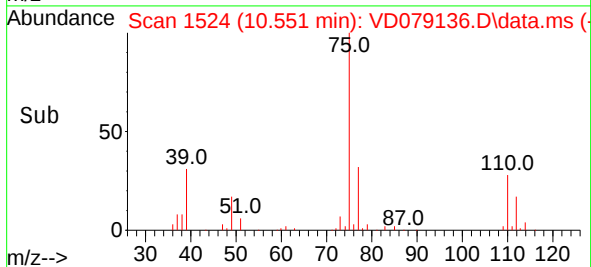
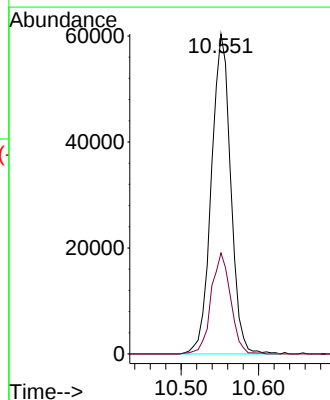
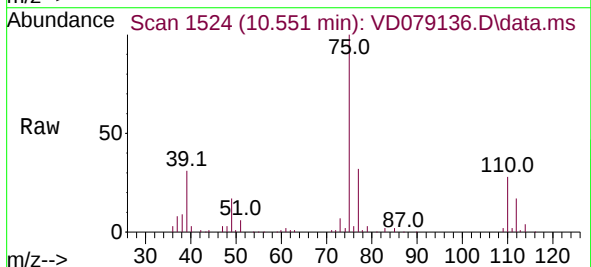
Acq: 04 Jun 2024 09:42

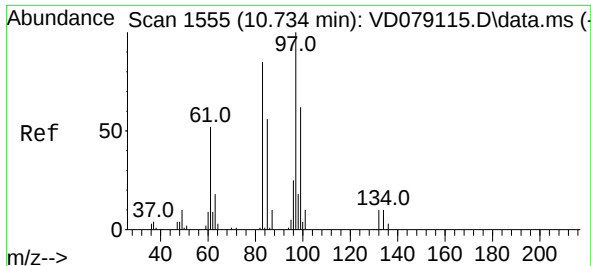
Tgt Ion: 75 Resp: 104963

Ion Ratio Lower Upper

75 100

77 31.5 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 26.682 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

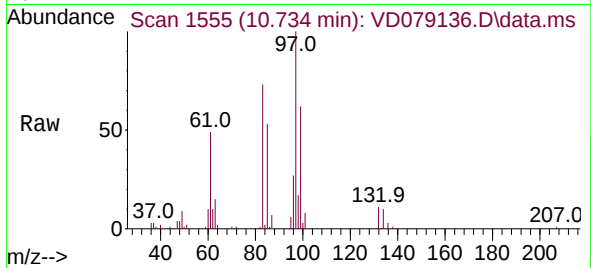
Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 67115

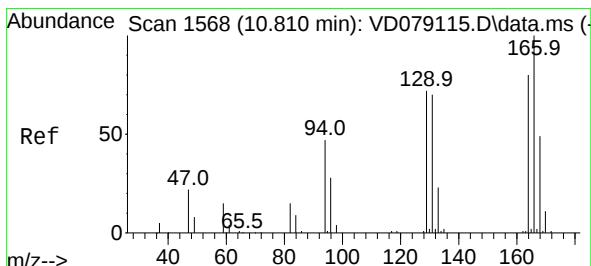
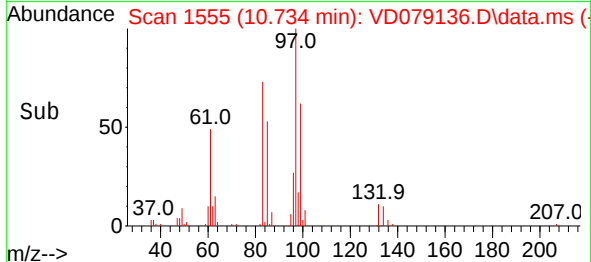
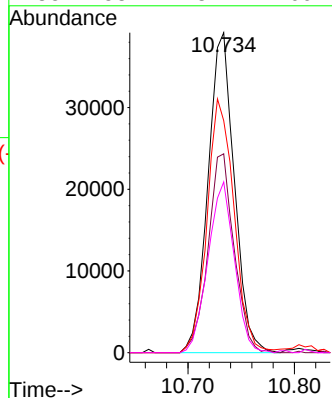
Ion Ratio Lower Upper

97 100

99 62.1 43.0 79.8

83 72.5 58.9 109.5

85 53.4 37.2 69.2



#46

Tetrachloroethene

Concen: 24.852 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Tgt Ion: 164 Resp: 65971

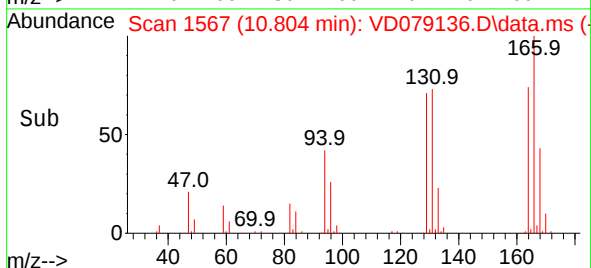
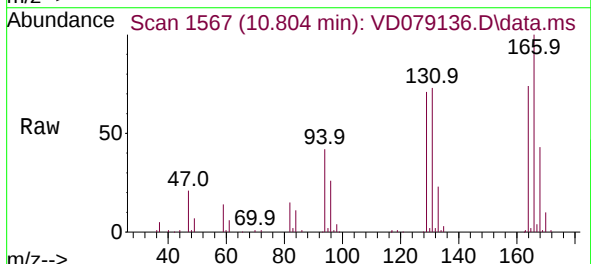
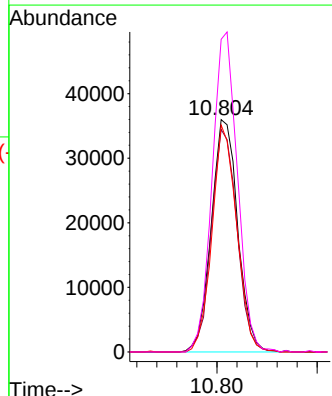
Ion Ratio Lower Upper

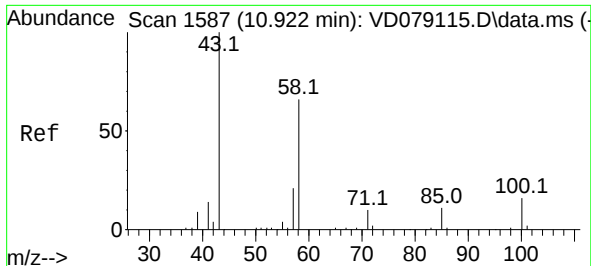
164 100

129 95.7 64.3 119.5

131 97.7 61.2 113.8

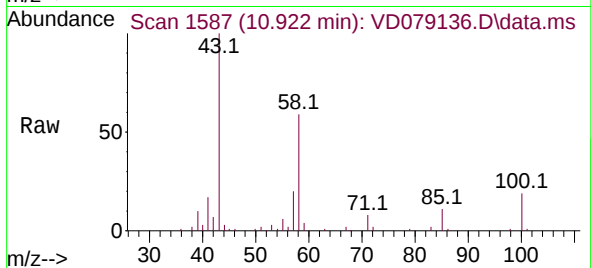
166 134.6 90.0 167.2



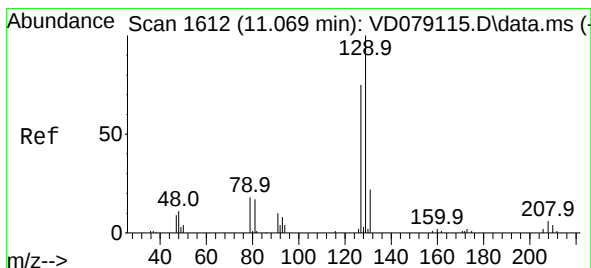
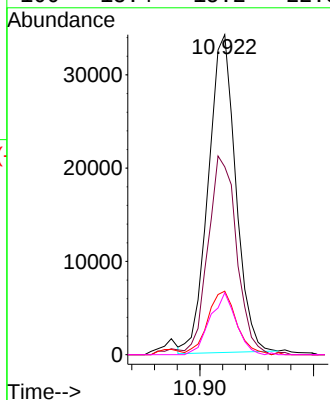
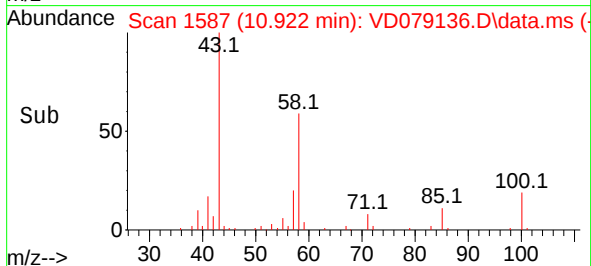


#48
2-Hexanone
Concen: 55.303 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Instrument :
MSVOA_D
ClientSampleId :

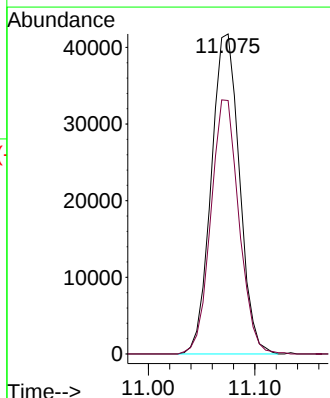
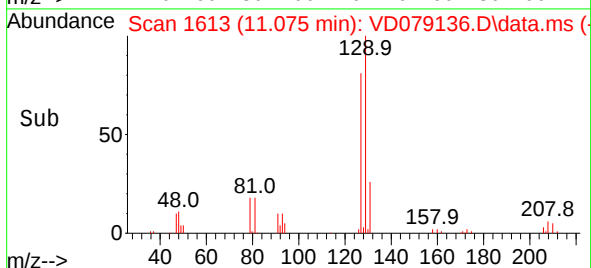
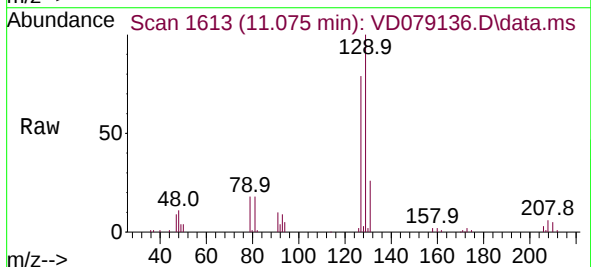


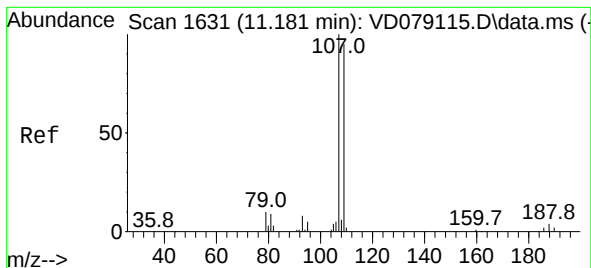
Tgt Ion: 43 Resp: 57276
Ion Ratio Lower Upper
43 100
58 64.7 50.1 75.1
57 20.9 16.5 24.7
100 18.4 15.2 22.8



#49
Dibromochloromethane
Concen: 25.821 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 129 Resp: 76912
Ion Ratio Lower Upper
129 100
127 79.2 56.4 104.7





#50

1,2-Dibromoethane

Concen: 26.260 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079136.D

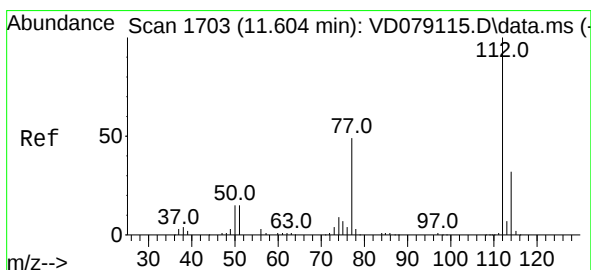
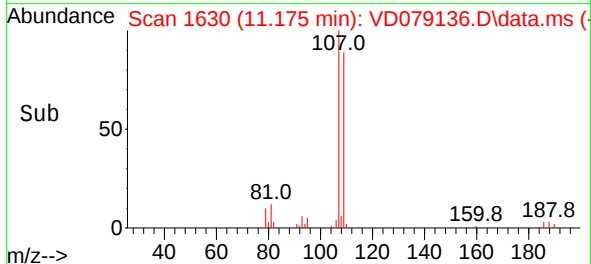
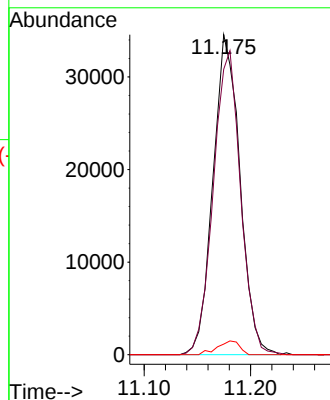
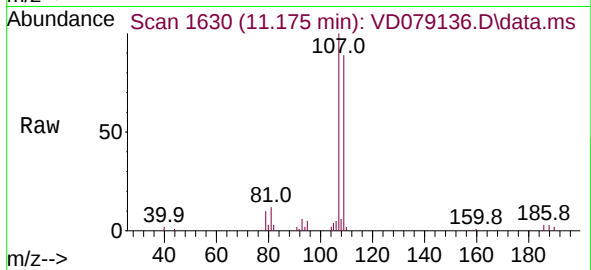
Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	60705
Ion Ratio	Lower	Upper
107	100	
109	89.2	64.5 119.7
188	3.3	2.6 3.8



#51

Chlorobenzene

Concen: 25.812 ug/L

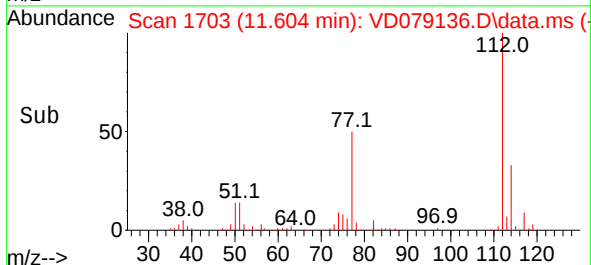
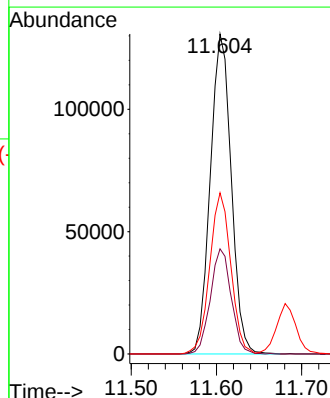
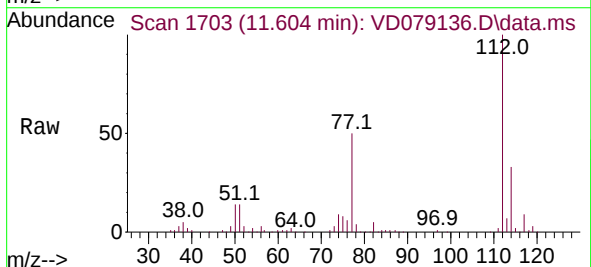
RT: 11.604 min Scan# 1703

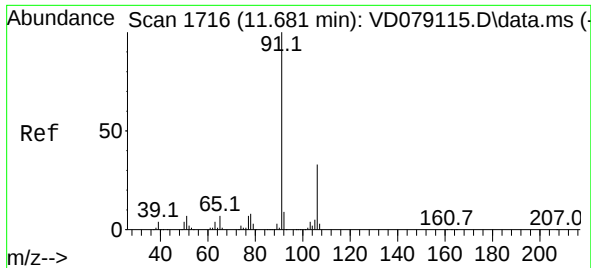
Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Tgt Ion:112	Resp:	223238
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.7 42.3
77	50.4	38.4 57.6





#52

Ethylbenzene

Concen: 27.324 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

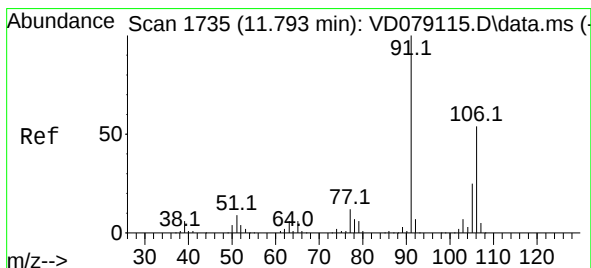
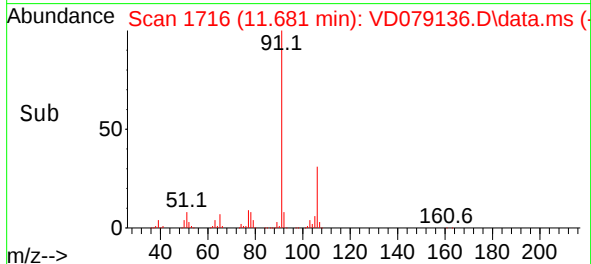
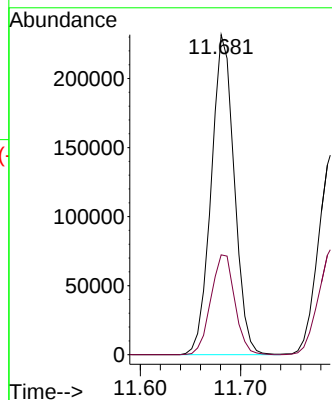
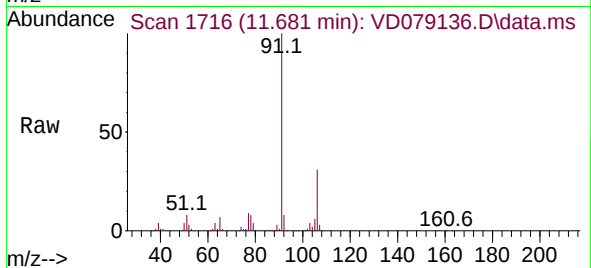
ClientSampleId :

Tgt Ion: 91 Resp: 370464

Ion Ratio Lower Upper

91 100

106 31.2 22.3 41.5



#53

m,p-Xylene

Concen: 27.745 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079136.D

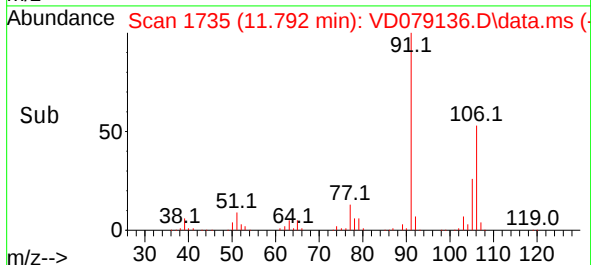
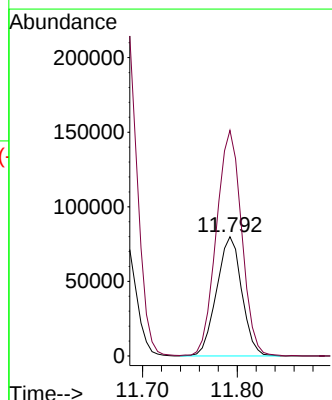
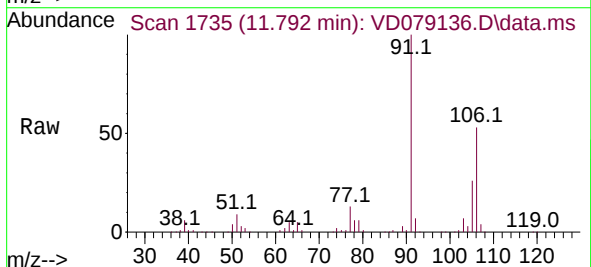
Acq: 04 Jun 2024 09:42

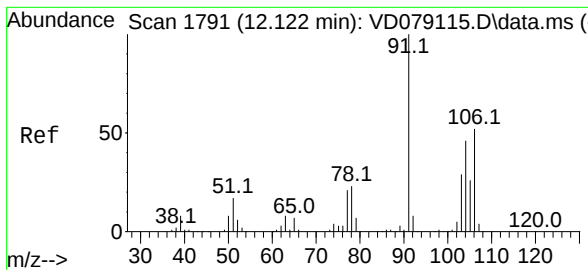
Tgt Ion:106 Resp: 147585

Ion Ratio Lower Upper

106 100

91 189.4 133.1 247.1

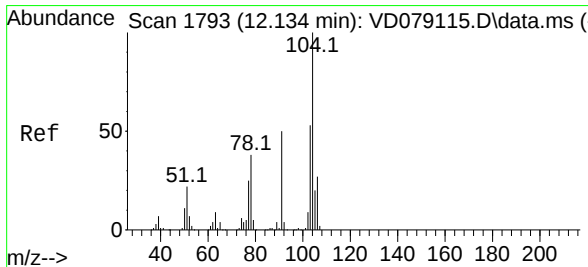
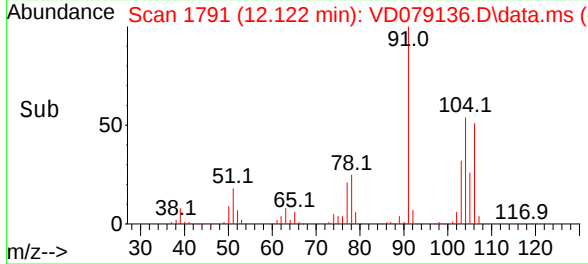
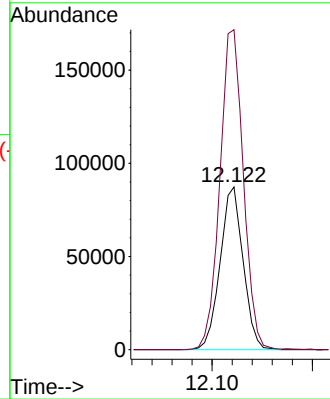
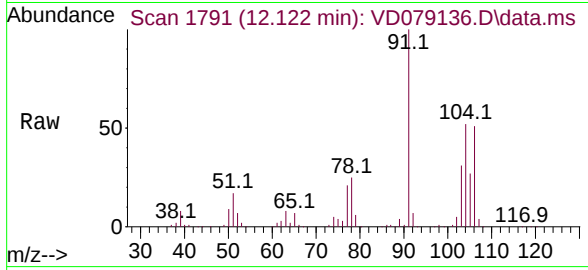




#54
o-Xylene
Concen: 27.041 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

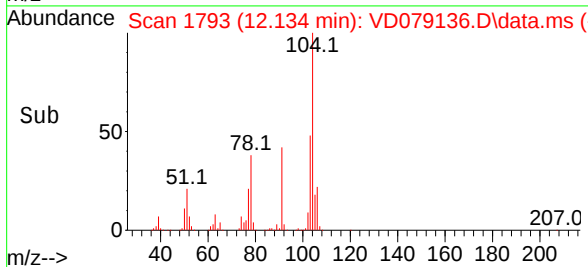
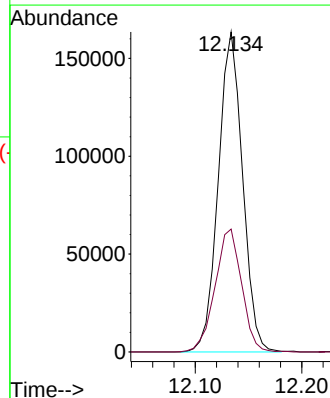
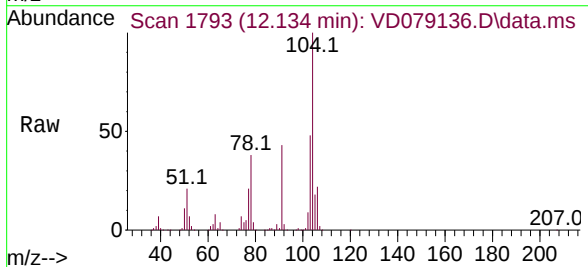
Instrument :
MSVOA_D
ClientSampleId :

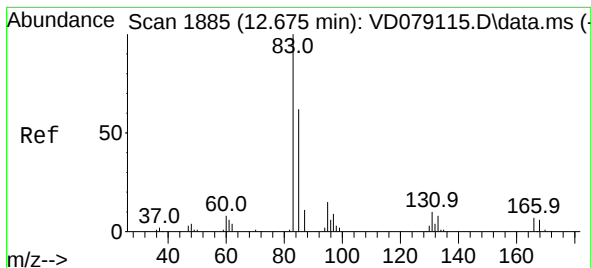
Tgt Ion:106 Resp: 138973
Ion Ratio Lower Upper
106 100
91 196.6 132.9 246.9



#55
Styrene
Concen: 28.396 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion:104 Resp: 258759
Ion Ratio Lower Upper
104 100
78 38.4 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.432 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

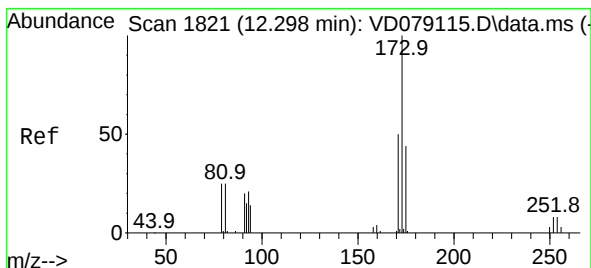
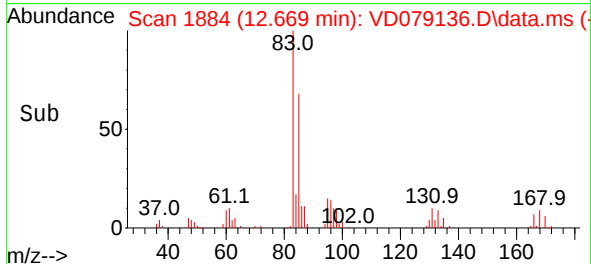
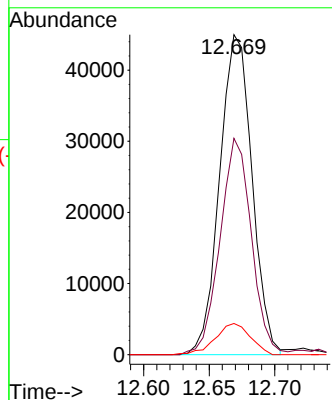
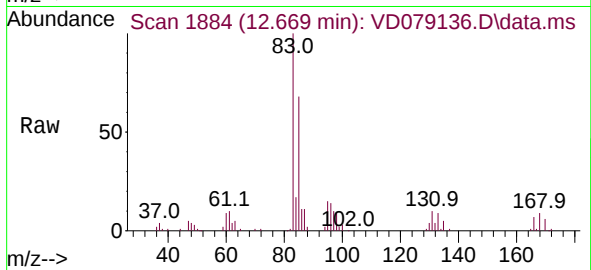
Tgt Ion: 83 Resp: 77237

Ion Ratio Lower Upper

83 100

85 67.6 47.5 88.1

131 9.8 8.6 13.0



#59

Bromoform

Concen: 25.482 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

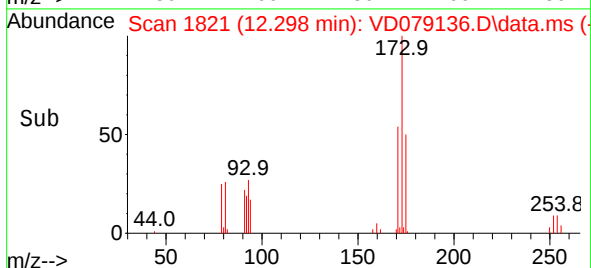
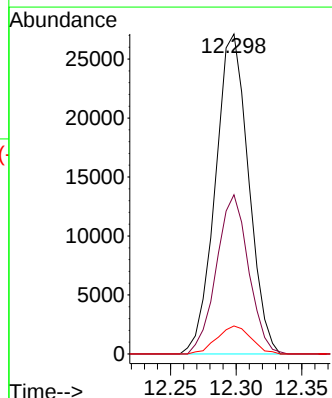
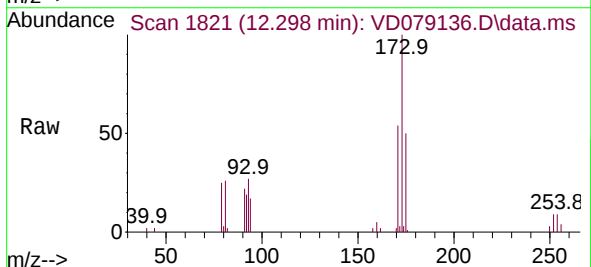
Tgt Ion:173 Resp: 47701

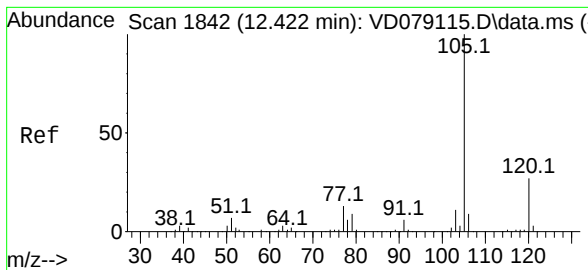
Ion Ratio Lower Upper

173 100

175 48.1 38.2 57.4

254 9.0 7.0 10.6

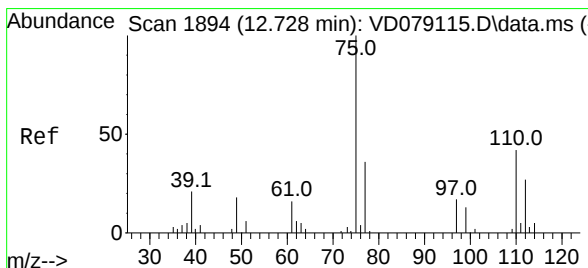
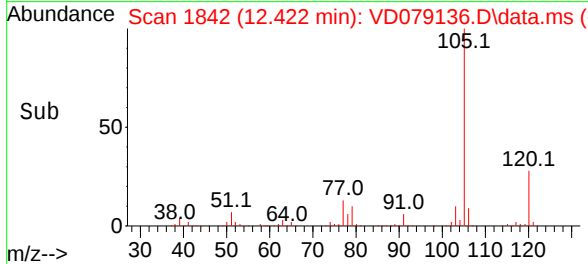
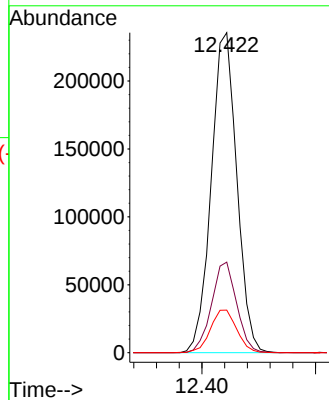
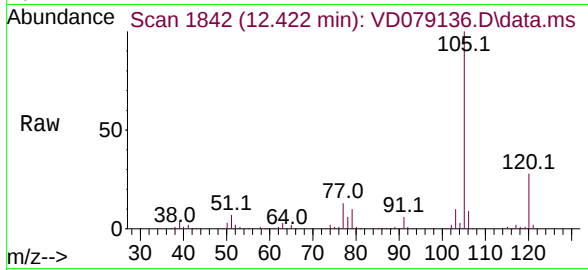




#60
Isopropylbenzene
Concen: 27.300 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

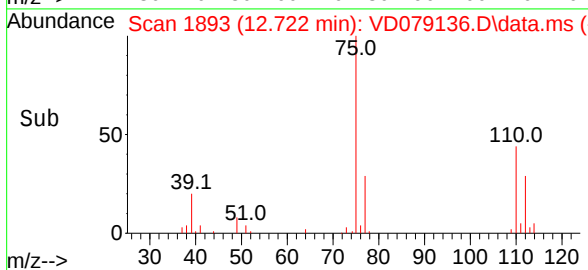
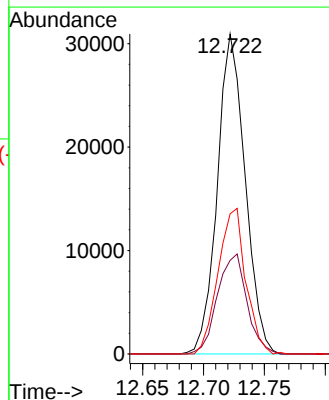
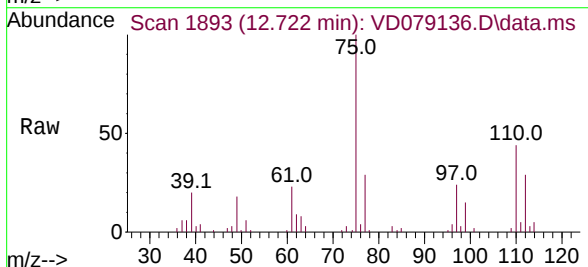
Instrument :
MSVOA_D
ClientSampleId :

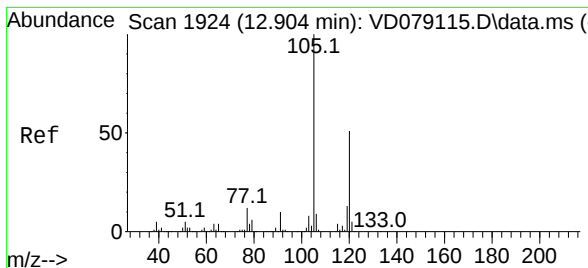
Tgt Ion:105 Resp: 368685
Ion Ratio Lower Upper
105 100
120 27.8 21.9 32.9
77 13.7 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 27.286 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion: 75 Resp: 49203
Ion Ratio Lower Upper
75 100
77 33.1 25.9 38.9
110 45.1 34.2 51.4

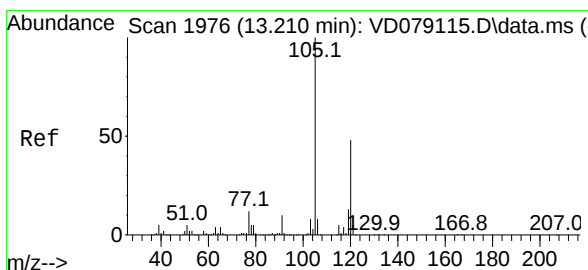
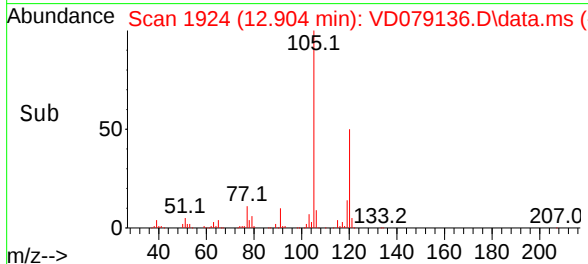
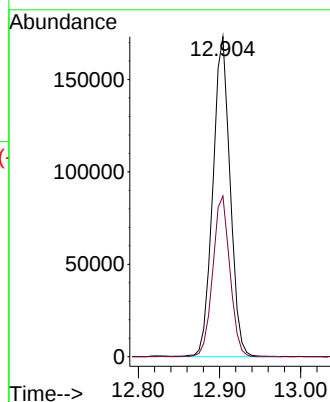
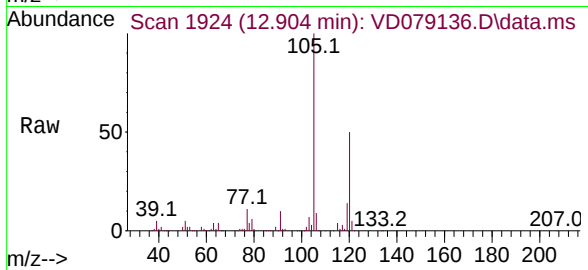




#62
1,3,5-Trimethylbenzene
Concen: 27.649 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

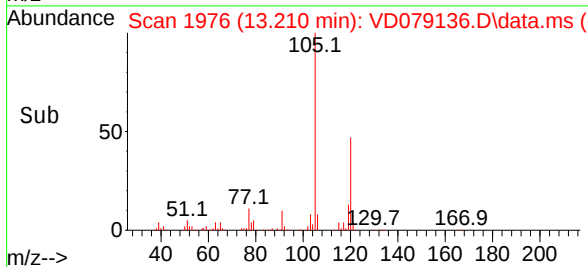
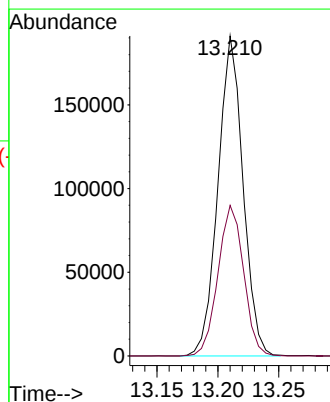
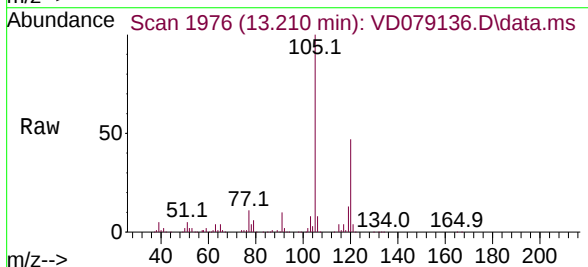
Instrument :
MSVOA_D
ClientSampleId :

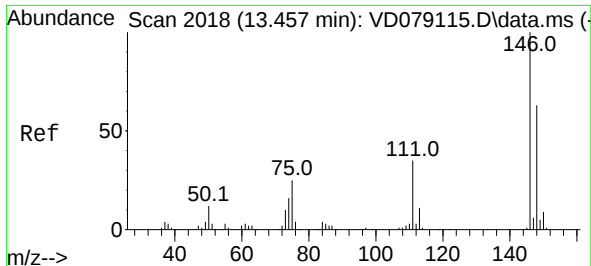
Tgt Ion:105 Resp: 255304
Ion Ratio Lower Upper
105 100
120 49.8 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 27.725 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion:105 Resp: 273820
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 25.953 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

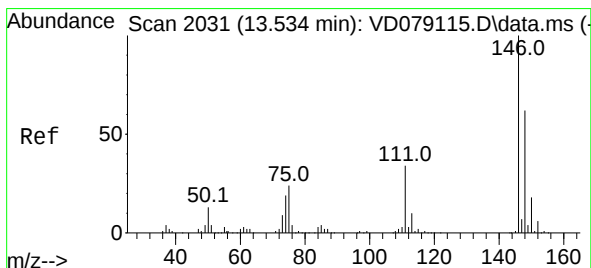
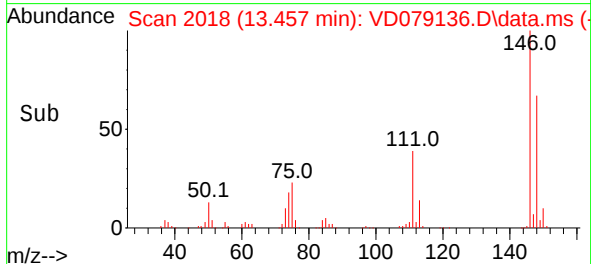
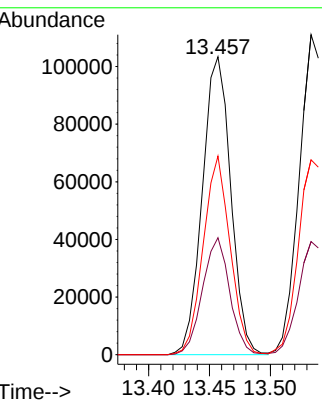
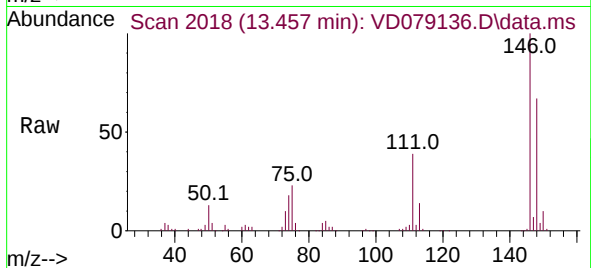
Tgt Ion:146 Resp: 168376

Ion Ratio Lower Upper

146 100

111 39.3 24.4 45.4

148 66.7 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 25.691 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

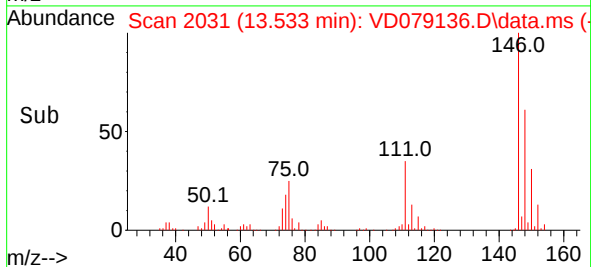
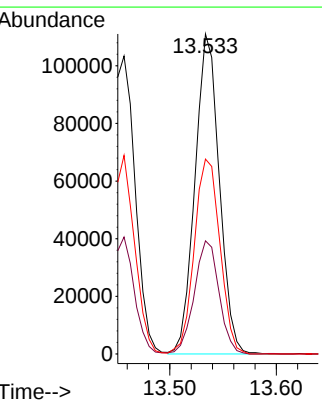
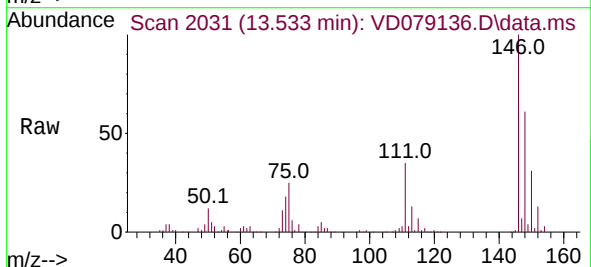
Tgt Ion:146 Resp: 176607

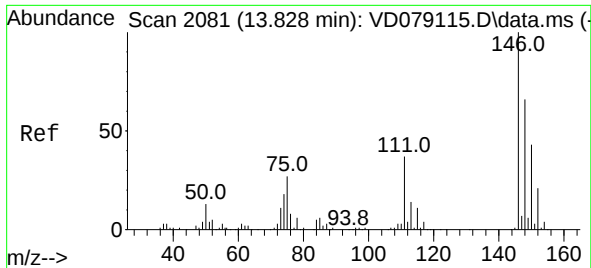
Ion Ratio Lower Upper

146 100

111 35.4 26.3 48.9

148 60.9 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.940 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

Instrument :

MSVOA_D

ClientSampleId :

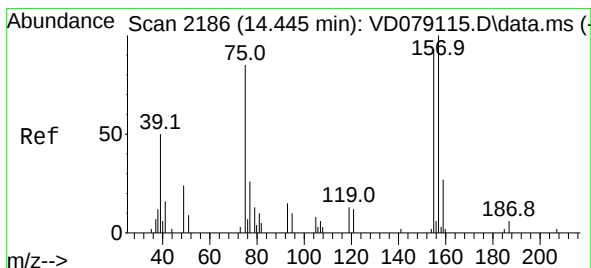
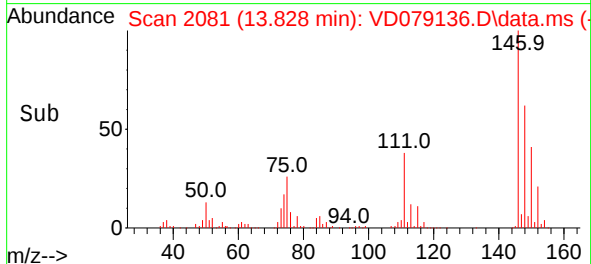
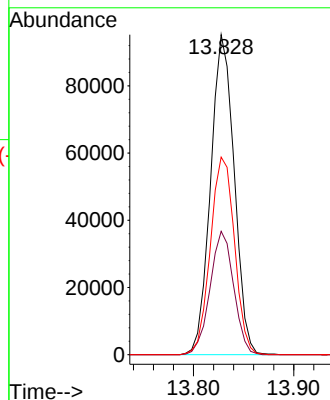
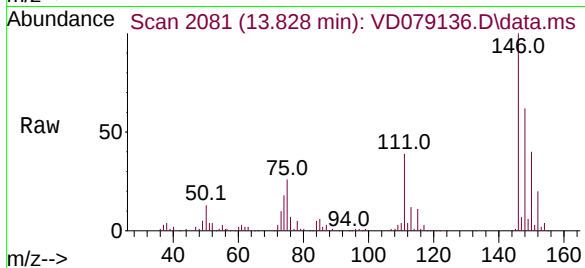
Tgt Ion:146 Resp: 155575

Ion Ratio Lower Upper

146 100

111 38.5 29.1 43.7

148 61.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.854 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079136.D

Acq: 04 Jun 2024 09:42

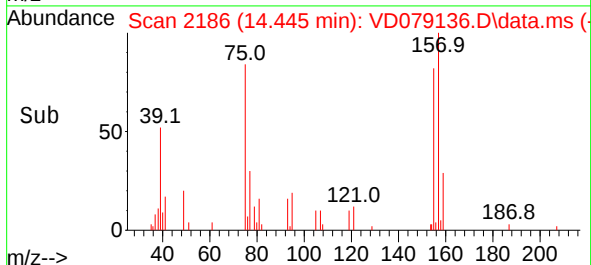
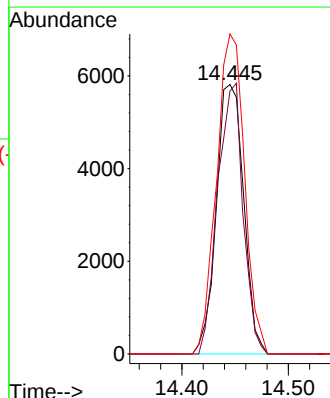
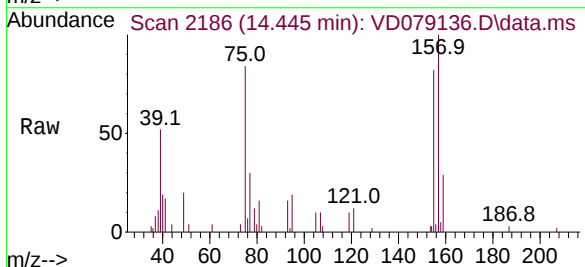
Tgt Ion: 75 Resp: 10325

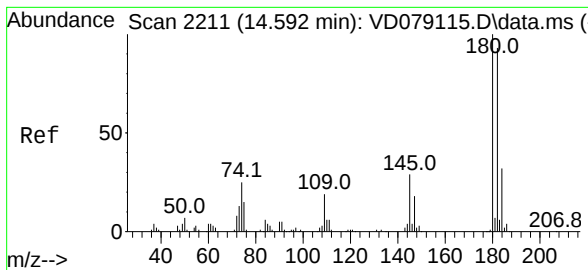
Ion Ratio Lower Upper

75 100

155 97.6 68.1 102.1

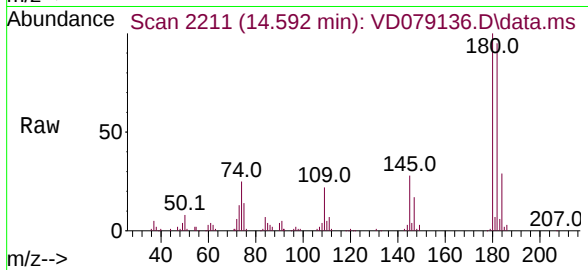
157 118.8 91.6 137.4



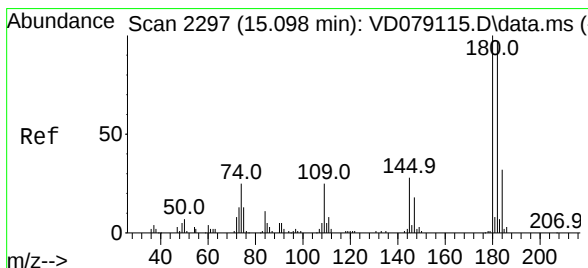
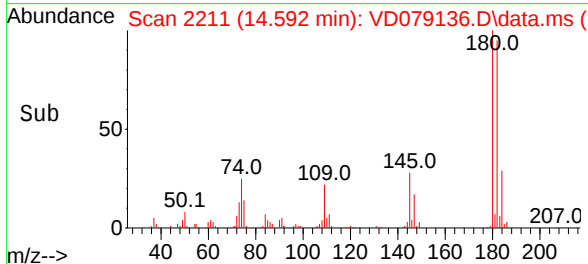
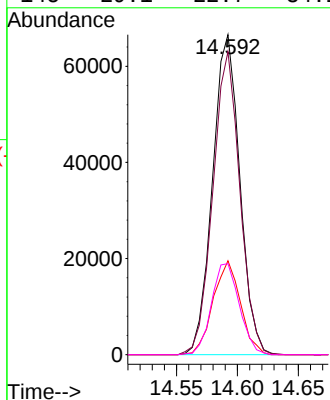


#69
 1,3,5-Trichlorobenzene
 Concen: 25.325 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD079136.D
 Acq: 04 Jun 2024 09:42

Instrument :
 MSVOA_D
 ClientSampleId :

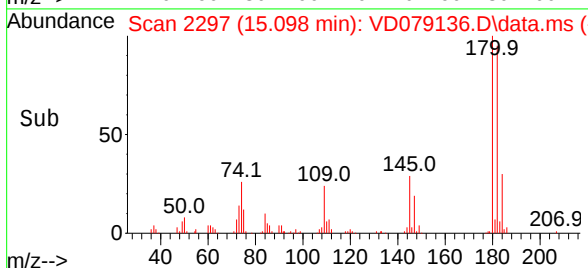
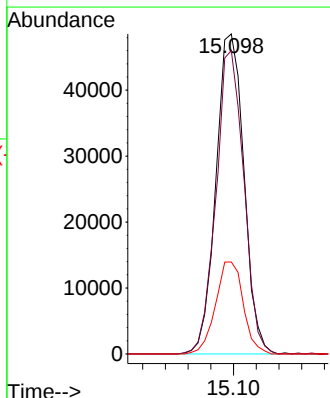
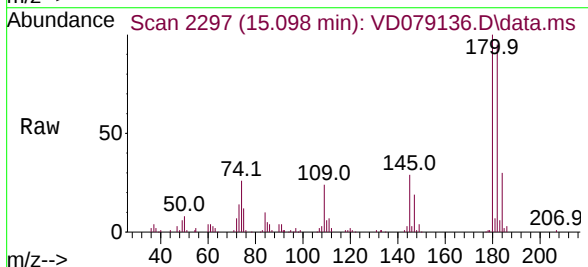


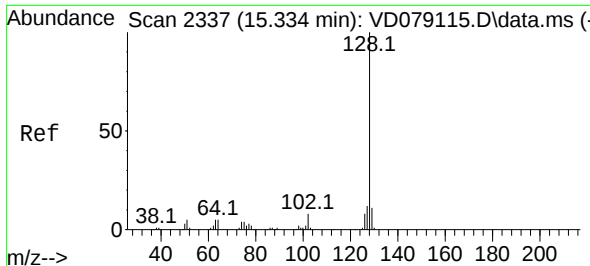
Tgt Ion:180 Resp: 103627
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.9 115.3
 184 29.5 23.3 34.9
 145 29.1 22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 24.410 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079136.D
 Acq: 04 Jun 2024 09:42

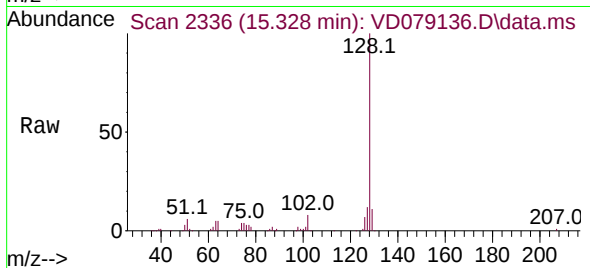
Tgt Ion:180 Resp: 82954
 Ion Ratio Lower Upper
 180 100
 182 94.1 73.8 110.6
 145 28.6 22.3 33.5



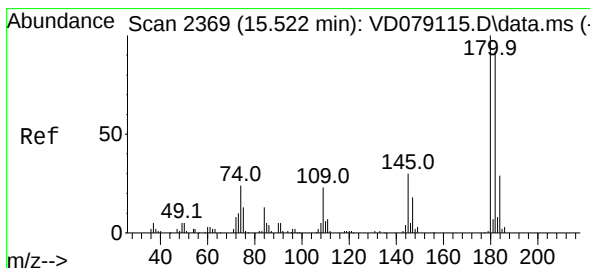
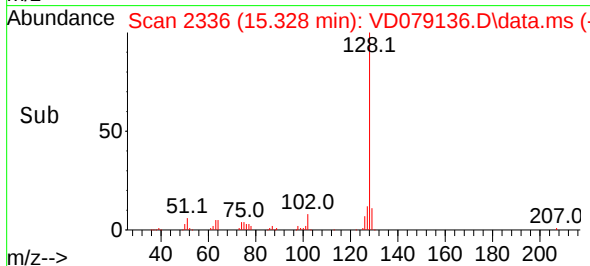
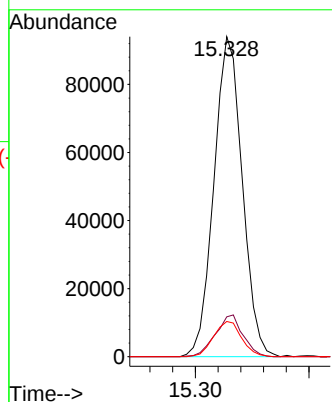


#71
Naphthalene
Concen: 25.634 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	162914
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.8	16.2
129	10.9	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.686 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079136.D
Acq: 04 Jun 2024 09:42

Tgt Ion:	180	Resp:	78380
Ion Ratio	Lower	Upper	
180	100		
182	94.9	79.4	119.2
145	30.3	24.7	37.1

